

WAVE INFORMATION STUDIES  
OF US COASTLINES

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HINDCAST WAVE INFORMATION  
FOR THE GREAT LAKES: LAKE ONTARIO

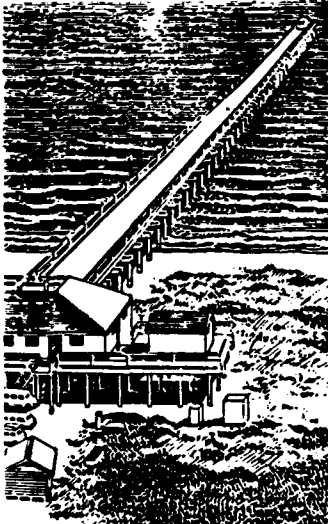
by

Robin D. Reinhard, David B. Driver, Jon M. Hubertz

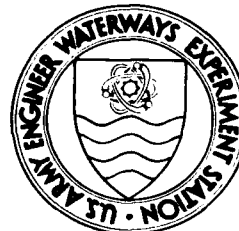
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DEPARTMENT OF THE ARMY

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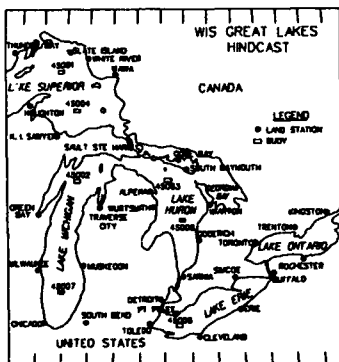
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## PREFACE

The Wave Information Study (WIS) was authorized in December 1976 by Headquarters, US Army Corps of Engineers (HQUSACE). The study is part of the Field Data Collection Program, which is managed by the Coastal Engineering Research Center (CERC), US Army Engineer Waterways Experiment Station (WES). The HQUSACE Technical Monitors for the Field Data Collection Program are Messrs. John H. Lockhart, Jr.; James E. Crews; John G. Housley; and Robert H. Campbell. Mr. J. Michael Hemsley was the former Program Manager, Ms. Carolyn M. Holmes is the present Program Manager, and Dr. Jon M. Hubertz is the WIS Project Leader.

This report is one of five that present the results of a wave hindcast for the Great Lakes. The Great Lakes hindcasts were performed by Mr. David B. Driver, Dr. Hubertz, and Ms. Robin D. Reinhard, assisted by Mr. Alan Cialone, Ms. Robin Hoban, and Mr. Donald E. Eicher, all of the Coastal Oceanography Branch (COB), Research Division (RD), at CERC.

The study was conducted under the direct supervision of Dr. Edward F. Thompson, former Chief, COB; Dr. Hubertz, Acting Chief, COB; Dr. Martin C. Miller, Chief, COB; and Mr. H. Lee Butler, Chief, RD, and under the general supervision of Mr. Charles C. Calhoun, Jr., Assistant Chief, CERC, and Dr. James R. Houston, Chief, CERC. The word processing was by Ms. M. Jane Stauble, COB, and Ms. J. Holley Messing, RD.

COL Larry B. Fulton, EN, is the Commander and Director of WES. Dr. Robert W. Whalin is Technical Director.

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# CONVERSION FACTORS, NON-SI TO SI (METRIC) UNITS OF MEASUREMENT

Non-SI units of measurement used in this report can be converted to SI (metric) units as follows:

<u>Multiply</u>	<u>By</u>	<u>To Obtain</u>
degrees (angle)	0.01745329	radians
knots (international)	0.5144444	meters
miles (US statute)	1.609347	kilometers

HINDCAST WAVE INFORMATION FOR THE GREAT LAKES:  
LAKE ONTARIO

PART I: INTRODUCTION

1. The primary purpose of this study is to provide an accurate and comprehensive database of information descriptive of the long-term wave climate for the Great Lakes. The goal is to accurately represent mean values of wave parameters such as height, period, and direction. At any station, the hindcast values are expected to differ at times from measured values, but this difference will generally be small and, in the mean, approach zero. It is also expected that the extreme values at any station will accurately represent actual conditions and provide reliable design wave information. This report describes the selection of a grid and hindcast sites, methods used to process and prepare input wind fields, numerical model calibration and verification, and production of a 32-year (1956-1987) hindcast. Information of this nature is essential to the efforts currently being undertaken by both US and Canadian interests in developing workable shoreline management guidelines and navigational aids. Projects benefiting from such information include dredging and dredge disposal, beach nourishment and erosion studies, and the design of coastal structures such as jetties, harbors, revetments, and breakwaters, as well as local projects for improving recreation safety.

2. Prior to 1979, measurements of wave data on the Great Lakes were scarce and quite short in duration. The available data were generally associated with site-specific studies and were usually located nearshore in shallow water. Very few data are available from wave gages, and many of these are in an unanalyzed, analog form. Visual wave observations are available from US Coast Guard stations at several shore locations and from commercial ships for waves offshore.

3. In 1979 the National Data Buoy Center of the National Oceanic and Atmospheric Administration (NOAA) extended their wave measurement program to the Great Lakes, using large, boat-shaped buoys equipped with anemometers, air-water temperature sensors, and vertical accelerometers for wave height measurements. The purpose of this program was to provide a comprehensive set

of climatological data for a long period of record from fixed locations in the near coastal and deep ocean areas adjacent to the US mainland. The first two buoys were installed in northern Lake Michigan and central Lake Superior, respectively. During 1980 and 1981, six additional buoys were deployed: two more in Lake Superior, one in southern Lake Michigan, two in Lake Huron, and one in western Lake Erie. Lake Ontario remains without a buoy.

4. These buoys provide the best long-term wave measurements available for the Great Lakes. Unfortunately, the buoys are removed during the heavy icing season of November to March and are, therefore, subject to miss the winter storms that produce the largest and most destructive waves. Figure 1 shows the location of each of these buoys. With the exception of Lake Ontario, wind and wave information from these buoys were used for calibration and verification of both input wind fields and the numerical wave model.

5. The Canadian Marine Environmental Data Service (MEDS) Waverider buoys were used for calibration and verification on Lake Ontario. Although the duration of record is short, these MEDS data are the only continuous set of wave data on Lake Ontario. Figure 2 and Table 1 present the location and period of record of the MEDS buoys used in the present study. Periods of recorded data were chosen for their continuity and reliability.

#### Previous Studies

6. Prior to this effort, numerical hindcasts of the Great Lakes were conducted by Resio and Vincent (1976a, b, and c; 1977a and b; 1978), hereafter referred to as RV, for the US Army Corps of Engineers (COE) and by a number of Canadian firms for the Ontario Ministry of Natural Resources (1988a, b, and c). The RV study established the hindcast procedure for the Great Lakes that the present study employs, including guidance for the use of measured overland winds to estimate overlake winds. This hindcast was also the first attempt within the COE to use a numerical scheme for wave calculations instead of the standard empirical/analytical approach, such as the Sverdrup-Munk-Bretschneider method (Shore Protection Manual (SPM) 1984). The major differences between RV and the present study are (a) the length of the hindcast period and events hindcast; RV used up to a 69-year record (1907-1975) but only hindcast "storm events," whereas the present study uses a complete 32-year wind record

(1956-1987); (b) the present study uses more recent wind information, which, because of improved technology, is of better quality than some of the pre-1950 data; (c) the present study reflects advances in understanding of the physics involved in wave generation, propagation, and dissipation and employs current techniques to model these processes. RV classified "storm events" as days with average wind velocities over the lake of 25 knots\* or above, as recorded on the ships' anemometers. Results from RV were tabulated as return period statistics for use in design criteria at hindcast sites along the US coastline. The time series of wind and wave information was not archived.

7. The Canadian hindcasts were developed as part of a Shoreline Management Plan designed to fill the need for a wave climate database for the Great Lakes in Ontario. The approach was similar to that used in the present study. The overlake winds were estimated from several land-based meteorological stations (as per RV) and the presence of ice cover was included. The criterion employed to determine the extent of ice cover is similar to that used for the present study. The Canadian hindcasts produced a wave climate database for stations along the Canadian shoreline that were continuous in time. The time interval of each hindcast varies from 1971-1985 for Lake Erie, 1964-1983 for Lake Ontario, 1962-1970 for Lake Superior, and 1953-1987 for Lake Huron. Lake Michigan was not hindcast. The grid size and number of archived stations are specific for each lake and were selected to provide an accurate representation over the lake with the minimum number of sites. Because of damage during previous storms, shoreline erosion, and existing and proposed developments, these stations were considered priority sites by the Ministry of Natural Resources and Conservation Authority.

### Procedure

8. The selection of a grid was based on the grids used previously in the RV study to allow comparison to the present study. A 10-statute-mile square grid covering the entire lake was generated. Most of the nearshore and a few midlake grid points were designated as stations at which all model data

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\* A table of factors for converting non-SI units of measurement to SI (metric) units is presented on page 3.

would be saved (i.e. save stations) (Figure 3). Based on this grid, a land-water boundary matrix was established (0 = land, 1 = water) for computational purposes. Deep water was assumed across the entire grid; therefore, no bathymetry was input. The measured winds from land stations surrounding each lake were converted to an elevation of 10 m after being adjusted for the effects of air-water temperature differences and the land-water interface. These adjustments are discussed in more detail in the following section. The winds were interpolated over the grid at 3-hr intervals.

9. Measured wave data were obtained from MEDS. Prior to the development of the full 32-year data set, the model was run for selected periods of time (corresponding to available MEDS data) and the results were compared with measured data. Wind speeds were then modified, as necessary, as part of the model calibration process. Verification runs were then made for selected periods of available buoy data. Procedures for and results of model calibration and verification are discussed in more detail in subsequent sections.

10. Two data files were created and saved. One, referred to as the parameter file, contains a single record every 3 hr for 32 years for each station. This record includes station identification and location, wave height, peak spectral period, and average wave direction. The second file contains similar information in addition to the full two-dimensional (frequency and direction) distribution of spectral wave energy. The results of various parameter file analysis, including calculation of percent occurrence tables, mean and maximum monthly values, and return period statistics, are presented for the designated save stations. The location and depth of each station is given in Table 2.

11. The extent of ice cover on Lake Ontario was compiled using a 20-winter digital data set compiled by the Great Lakes Environmental Research Laboratory (GLERL) of the NOAA (Assel et al. 1983). This database consists of ice concentration observations, beginning in the winter of 1960 and including all of the Great Lakes, made by both US and Canadian government agencies. Due to the low percentage of ice coverage experienced by Lake Ontario during a normal winter, the effects of ice cover were felt to be insignificant. Thus, ice effects were not included in the Lake Ontario hindcast. A complete description of the estimation of ice cover over the Great Lakes is given in Driver et al. (1991).

## PART II: DETERMINATION OF WIND FIELDS

12. The results of any numerical wave hindcast study depend heavily on the quality of the winds used to drive the model and are, therefore, only as good as the input data. In addition to the quality of the wind data, the length of the historical wind record is an important parameter. The longer the period of time that a particular parameter has been observed, the better are any estimates of statistical properties of that population. The only three sources of data with sufficient length of record for the present hindcast are (a) pressure observations at land stations, (b) synoptic weather maps derived from pressure observations, and (c) wind observations at land stations and on ships.

### Source

13. The calculation of winds from pressure observations or fields requires the use of a planetary boundary layer model and some simplifying assumptions. Therefore, it was felt that a more straightforward approach should be used. Ship observations were not included because of the inconsistent nature of these measurements in space and time. The incorporation of this information was seen as too time consuming for the present long-term study. Ship wind speeds were used by RV since they addressed only "storm events," which by nature are short in duration. The wind directions recorded by ships were not used in RV since they were often inconsistent.

14. With these factors in mind, estimation of the wind fields over each of the Great Lakes was accomplished by using the most reliable, long-term, continuous wind observations available from both US and Canadian coastal land stations. This approach is limited by the distribution of measurement sites around the lakes, but it is considered to be the best alternative. On the US side, these data generally came from National Weather Service stations located at larger airports near the lakes. The Canadian data, supplied by the Canadian Climate Centre (CCC), came from airports and various other CCC weather stations around the lakes. Figure 3 shows the location of the stations used, and Table 3 provides the period of record available for each station.

15. The wind data, commonly measured and recorded at hourly intervals, were sampled every 3 hr beginning at 00:00 Greenwich Mean Time (GMT) on 1 January 1956. A 3-hr interval was chosen because of the lack of continuous hourly data. Gaps of short duration were interpolated to provide a continuous time series. All data were then corrected to an elevation of 20 m using the standard 1/7th power law for the wind speed profile (Davenport 1960). This approximation, given by

$$U_{20} = U_z \left( \frac{20}{z} \right)^{\frac{1}{7}} \quad (1)$$

estimates the wind speed  $U_{20}$  at 20 m from the observed wind speed  $U_z$  at elevation  $z$ .

### Corrections

16. Corrections for the air-water temperature difference and for the difference in frictional effects between land and water were then applied. These corrections were based on two empirical curves developed by RV (1976c), one relating the overland-overlake wind-speed ratio to the air-water temperature difference and one relating overlake wind speed ( $U_w$ ) to overland wind speed ( $U_l$ ). The approximation of these curves is given by the following formula derived by Schwab and Morton (1984):

$$U_w = U_l \left( 1.2 + \frac{1.85}{U_l} \right) \left[ 1.0 - \frac{\Delta T}{|\Delta T|} \left( \frac{|\Delta T|}{1920} \right)^{\frac{1}{3}} \right] \quad (2)$$

where  $U_l$  is given in meters per second at an elevation of 20 m and the air-water temperature difference  $\Delta T$  is measured in degrees Celsius. Air-water temperature differences derived from ship observations and classified as a function of month and 10-deg direction intervals (Table 4) were obtained from RV (1976c).

17. Overlake winds were then estimated from the measured overland winds using a weighted inverse distance interpolation routine with an  $r^{-3}$  spatial weighting function, where  $r$  is the distance from the land station to the overwater grid point of interest. The final correction was an additional



application of the 1/7th power law to correct the winds to an elevation of 10 m for input into the wave model.

### PART III: WAVE MODEL

18. The wave model used in this study, DWAVE, was developed by Dr. Donald T. Resio of Offshore and Coastal Technologies, Inc. It is described in Resio and Perrie (1989) and in an unpublished contractor's report\* available from the Wave Information Study (WIS) Project Office.

19. DWAVE is a FORTRAN computer code that simulates wave growth, dissipation, and propagation in deep water. The modeled spectra are represented as fully two-dimensional in discretized frequency and direction bands. Propagation effects and source-sink mechanisms are computed in terms of variations of energy levels in each of these frequency-direction elements. All wave parameters, such as wave height, frequency of the spectral peak, and mean wave direction, are computed from these discrete elements. Figure 4 shows how energy is partitioned in a directional spectrum within DWAVE. As seen there, each frequency-direction increment is envisioned as a "bin," and these "bins" are centered on specified frequencies and directions.

20. The physics embodied in DWAVE represents the state of the art in present understanding of wave generation. It is the first discrete-spectral model to be based on an  $f^{-4}$  equilibrium range formulation, as supported by almost all past field experiments (Toba 1978, Forristall 1981, Kahma 1981, Kitaigorodskii 1983). As such, it represents the only model (including the third-generation models under development in Europe) that is consistent with energy conservation in the equilibrium range, as calculable from the complete or reduced Boltzmann integrals. The fetch-growth characteristics of DWAVE are similar to the Joint North Sea Wave Project (JONSWAP) relationships, i.e., wave energy increases linearly with fetch; and the duration-growth characteristics are roughly similar to those of Resio (1981) and the US Navy's Spectral Ocean Wave Model (SOWM).

21. DWAVE will run on computers ranging from desktop microcomputers to supercomputers. Many years of model development have led to an understanding

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\* D. T. Resio and D. P. Bach, 1989, "Program DWAVE: Global/Regional, Deep-Water Wave Model User's Manual," Offshore and Coastal Technologies, Inc., Vicksburg, MS.

of the "trade-offs" between avoiding unnecessary tedious calculations and maintaining numerical accuracy.

### Theoretical Considerations

22. The model is based on the assumption that the wave field on a water body can be represented by a distribution of energy in discrete frequency and direction elements as schematized in Figure 4. The change in energy in each element as a function of time at all specified points on the water body is determined by the radiative transfer equation

$$\frac{\partial E_2(f, \theta)}{\partial t} = \bar{C}_g(f, \theta) \cdot \nabla \bar{E}_2(f, \theta) + \sum_{k=1}^n S_k(f, \theta) \quad (3)$$

where  $E_2$  is the two-dimensional spectral energy at frequency  $f$  and direction  $\theta$ . The group velocity is  $c_g$ , and  $S_k$  represents a number of functions that act as sources or sinks for energy. This equation is solved at each point in a square grid on the water body for successive intervals in time. The wind source term supplies energy to the sea surface and allows the wave spectrum to grow, and the wave-wave interaction term controls development of the spectrum.

23. Hasselmann (1962) derived an equation for four resonantly interacting waves, which he showed to be the lowest order interaction capable of achieving a net transfer of energy among spectral components in a statistically homogeneous wave field. Although Hasselmann et al. (1973, 1976) argued that these wave-wave interactions controlled the shape of a spectrum, they did not pursue the spectral balance responsible for this tendency. Tracy and Resio (1982) showed that a number of exact geometric similarities were exhibited within the collision integrals for wave-wave interactions; however, they made use of these similarities only to improve the efficiency of numerical integration for the full integral. It was only recently that Kitaigorodskii (1983) demonstrated that inherent in the collision integrals for wave-wave interactions are geometric constraints on the gradient of energy density in the equilibrium range of a spectrum. Kitaigorodskii pointed out the analogue between this "equilibrium" range behavior and the Komolgoroff range in turbulence. Kitaigorodskii's derivation is based solely on

dimensional arguments and does not illustrate some of the important geometric scaling aspects inherent in the collision integral. A different derivation, one which follows the scaling aspects of this integral, is offered by Resio (1981).

24. This derivation implies that an equilibrium range in action density in a deepwater wave spectrum is representable as

$$n(k) = B'k^{-4} \quad (4)$$

where  $B'$  is a constant with units  $\text{time}^{-1}$  and  $k$  is the wave number. Equation 4 is equivalent to that derived by Kitaigorodskii (1983), although the two methods of derivation differ significantly. Figure 5, from numerical calculations using the full collision integral, shows that, in deep water, an equilibrium range with this form does come very close to a constant energy flux equilibrium form. Flux divergence, which would produce steeper equilibrium range slopes, will occur for values of the power of  $k$  less than 4; and flux convergence, which would produce shallower equilibrium range slopes, will occur for values of the power of  $k$  greater than 4. Thus, there is a strong shape restoring-preserving tendency inherent in these energy fluxes due to wave-wave interactions.

### Wave Propagation

25. In DWAVE, each frequency-direction element in the directional wave spectrum is propagated independently, according to an upstream differencing method. This technique is presently employed in the latest third-generation models in Europe. Its advantages in terms of stability, execution time, and set-up simplicity outweigh any gains by using higher order propagation schemes. During the development phase of DWAVE, several higher order propagation schemes were tested in actual wave simulations. Typical differences in spectral energy contents and total energies, under these "real-world" conditions, were typically only a few percent or less.

26. A latitude-longitude grid is used in DWAVE. Propagation along meridians (or components of propagation along meridians) is the equivalent of

propagation along great circles. Consequently, there is no curvature away from a straight-line propagation along these axes; however, divergence/convergence effects must be incorporated for meridional propagation. For propagation along latitudes (parallels), there is no divergence/convergence; however, there is an angular curvature that must be considered.

#### Numerical Simulation of Wave Growth and Dissipation

27. The proper simulation of the physics of energy transfer into and out of each element in the directional spectrum is essential to accurate wave modeling. In DWAVE, the simulated sources and sinks are as follows:

- a. Energy transfer from the atmosphere to the wave field.
- b. Energy transfer among wave frequencies (wave-wave interactions).
- c. Energy transfer from waves to the atmosphere (swell propagating against the wind).
- d. Energy losses due to wave breaking in deep water.

#### Wind Input

28. The energy input into the spectrum is given by

$$\frac{\partial E_2(f, \theta)}{\partial t} = B(f, \theta) E_2(f, \theta) \quad (5)$$

where  $B(f, \theta)$  is a function with units of  $\text{time}^{-1}$  given by

$$B(f, \theta) = z \left( \frac{uf_p}{g} \right) f \cos(\theta_{wv} - \theta_{wd}) \quad (6)$$

where

- $f$  - frequency
- $z$  - dimensionless constant
- $u$  - wind speed
- $f_p$  - peak frequency
- $g$  - acceleration of gravity
- $\theta_{wv}$  - wave direction
- $\theta_{wd}$  - wind direction

The constant  $z$  is composed of the drag coefficient, the ratio of air density to water density, and an empirical constant and should have a value between 0.16 and 0.24. The value used in this study is 0.2.

Description of Wave Growth and the Behavior  
of the Wave-Wave Interaction Source Term

29. From Hasselmann et al. (1973), Mitsuyasu (1968), and others, the following is obtained

$$\hat{E}_0 = J\hat{x} \quad (7)$$

where  $J$  is a dimensionless empirical constant. Nondimensional values of energy,  $\hat{E}_0$  and fetch,  $\hat{x}$  are given by

$$\hat{E}_0 = E_0 \frac{g^2}{u_*^4} \quad (8)$$

and

$$\hat{x} = \frac{gx}{u_*^2} \quad (9)$$

where

$E_0$  = total wave energy

$u_*$  = friction velocity

$x$  = fetch

The constant  $J$  ranges in value from  $1.0 \times 10^{-4}$  to  $1.5 \times 10^{-4}$ . The value used in this study is  $1.28 \times 10^{-4}$ . Substituting the definitions of  $\hat{E}_0$  and  $\hat{x}$  into Equation 7 and taking a derivative with respect to distance for the equation, the following is obtained:

$$\frac{\partial E_0}{\partial x} = J \frac{u_*^2}{g} \quad (10)$$

Thus, Equation 10 indicates that the rate of gain of energy with fetch is independent of fetch. Converting to a time rate of growth,

$$\frac{\partial E_0}{\partial t} = \langle c_g \rangle J \frac{u_*^2}{g} \quad (11)$$

where  $\langle c_g \rangle$  is an average group velocity such that

$$\langle c_g \rangle = \frac{1}{E_0} \int_0^\infty \int_{-\frac{\pi}{2}}^{\frac{\pi}{2}} \bar{E}_2(f, \theta) \cdot \bar{c}_g d\theta df \quad (12)$$

If a parameter  $\beta_1$  is defined such that

$$\beta_1 c_{gm} = \langle c_g \rangle \quad (13)$$

where  $c_{gm}$  is the group velocity of waves at the spectral peak (i.e.,  $c_g(f_m)$  where  $f_m$  is the frequency of the spectral peak), Equation 11 becomes

$$\frac{\partial E_0}{\partial t} = \beta_1 c_{gm} J \frac{u_*^2}{g} \quad (14)$$

In discrete spectral models, the radiative transfer equation,

$$\frac{\partial E_2(f, \theta)}{\partial t} = \bar{c}_g(f, \theta) \cdot \nabla \bar{E}_2(f, \theta) + \sum_{k=1}^n S_k(f, \theta) \quad (15)$$

where  $S_k(f, \theta)$  represents energy input or loss at a spectral element with frequency  $f$  and direction  $\theta$  due to the  $k^{\text{th}}$  source term, is solved at every time step for each water point in the computational grid. In order to estimate important spectral balances and energy exchanges due to nonlinear wave-wave interactions, it is essential to know the location of the spectral peak. In the previous WIS model, as described by Resio (1981), the nonlinear wave-wave interaction source term is treated explicitly. A problem with this approach is that the location of  $f_m$  actually evolves during each time step and an explicit treatment which holds it constant over a time step can lead to significant underprediction of wave period.

30. To obtain an implicit representation for nonlinear source terms, begin by expressing the total energy in a spectrum in terms of a set of spectral parameters in a manner consistent with Equation 2.6 of Resio and Perrie (1989),

$$E_0 = \frac{1}{3} \lambda \alpha g (u_*^2 c_m)^{1/3} f_m^{-3} \quad (16)$$

where  $\lambda$  is a constant of proportionality and ranges in value from 1.5 to 2.0 and  $c_m$  is the phase velocity of the spectral peak. The value used in this study is 1.75. The constant  $\alpha$  ranges in value from 0.035 to 0.05. The value used in this study is 0.045. This relationship is appropriate for self-similar spectra with an  $f^{-4}$  equilibrium range. As discussed by Resio and Perrie (1989), spectra of this type can be written in a fashion analogous to the form of the JONSWAP spectrum, i.e.

$$E(f) = \alpha \frac{(u_*^2 c_m)^{1/3} g}{(2\pi)^3} f^{-4} \Psi\left(\frac{f}{f_m}\right) \quad (17)$$

where

$$\Psi\left(\frac{f}{f_m}\right) = \gamma \exp\left[-\frac{(f-f_m)^2}{2(\sigma f_m)^2}\right] \quad \text{for } f \geq f_m \quad (18)$$

or

$$\Psi\left(\frac{f}{f_m}\right) = E(f_m) \exp\left[1 - \left(\frac{f}{f_m}\right)^4\right] \quad \text{for } f < f_m \quad (19)$$

and  $\gamma$  and  $\sigma$  are the JONSWAP coefficients. From the form of Equations 17, 18, and 19, it is apparent that the parameter  $\lambda$  is dependent on  $\gamma$  and  $\sigma$  in a fairly nonlinear fashion; however, the actual variability for reasonable values of  $\gamma$  and  $\sigma$  constrain  $\lambda$  to be somewhere between 1.5 and 2.0, so the net effect of variations in  $\gamma$  and  $\sigma$  is not too large. In DWAVE, the value of  $\lambda$  is set at a constant 1.76.

31. Returning to Equation 16 and making use of the deepwater definitions of phase and group velocities, i.e.

$$c = \frac{g}{2\pi f} \quad ; \quad c_g = \frac{g}{4\pi f} \quad (20)$$

gives



$$E_0 = Q_1 f_m^{-10/3} \quad (21)$$

where

$$Q_1 = \frac{\lambda \alpha_*}{3 (2\pi)^{10/3}} u_*^{2/3} g^{4/3} \quad (22)$$

and  $\alpha_*$  is  $\alpha$  divided by the square root of the drag coefficient, and from Equation 14,

$$\frac{\partial E_0}{\partial t} = J\beta_1 \frac{g}{4\pi} \frac{u_*^2}{g} f_m^{-1} \quad (23)$$

If  $R = f_m^{-10/3}$ , then Equation 23 becomes

$$\frac{\partial Q_1 R}{\partial t} = J\beta_1 \frac{g}{4\pi} \frac{u_*^2}{g} R^{3/10} \quad (24)$$

Separating the variables and integrating yields

$$\frac{10}{7} (R^{7/10} - R_0^{7/10}) = \frac{J\beta_1}{Q_1 4\pi} u_*^2 (t - t_0) \quad (25)$$

where the subscript "0" refers to initial conditions at time  $t_0$ . Rearranging and substituting  $f_m$  back into Equation 21 yields

$$f_m^{-7/3} = f_m^{-7/3}|_{t_0} + \frac{7}{10} \frac{J\beta_1 u_*^2}{Q_1 4\pi} (t - t_0) \quad (26)$$

If all dimensional quantities are factored out, then the change in  $f_m$  over a time step is given as

$$f_m^{-7/3}|^{n+1} = f_m^{-7/3}|^n + \frac{J\beta_1}{\lambda \alpha_*} Q_1 \left( \frac{u_*}{g} \right)^{4/3} (t - t_0) \quad (27)$$

where the superscripts "n" and "n+1" refer to time-step counters and

$$Q_3 = \left(\frac{7}{10}\right) \frac{3(2\pi)^{10/3}}{4\pi} \quad (28)$$

Thus, the rate of change of  $f_m$  can be seen to depend on four parameters,  $J$ ,  $\lambda$ ,  $\alpha$ , and  $\beta_1$ . Each of these parameters can be defined independently,  $J$  and  $\alpha$  on an empirical basis and  $\lambda$  and  $\beta_1$  from numerical constraints.

32. Equation 23 expresses a fundamental law for active wave generation. This can be converted into a nonlinear source term by equating  $S_{NL}$  to differences in energy densities

$$S_{NL}(f, \theta) = [\hat{E}(f) |^{n+1} - \hat{E}(f) |^n] \Phi(\theta - \theta_0) \quad (29)$$

where  $\hat{E}(f)$  is the estimated value of the one-dimensional spectral density  $E(f)$ ,  $\Phi(\theta - \theta_0)$  is an angular function, and  $\theta_0$  is the mean wave propagation direction. The approach to a fully developed sea can be modeled by introducing a limiting parameter such that

$$T_m |^{n+1} = T_m |^n + p \frac{\partial T_m}{\partial t} \Delta t \quad (30)$$

where  $T_m$  is the peak period and  $p$  is given by

$$p = 1 \text{ if } f_m > f_{FM}$$

$$= 0 \text{ if } f_m \leq f_{FM}$$

and  $f_{FM}$  is the "fully" developed peak frequency given by

$$f_{FM} = Z_c g / (2\pi u)$$

where  $Z_c$  is a dimensionless empirical constant (taken as 0.9 in DWAVE).

33. Swell decay in this model is based on the concept of energy loss by nonlinear fluxes. In this form, the total energy flux from the "rear-slope" portion of the spectrum is estimated as

$$\Gamma_E = \left[ \frac{a_1 (2\pi)^9}{g^4} \right] E_0^3 f_m^9 \quad (31)$$

where  $a_1$  is a dimensionless empirical constant that ranges in value from 0.35 to 2.0. The value used in this study is 0.40. An explicit scheme is used to estimate the energy loss over the time step, and part of the energy is redistributed to the forward face. A schematic of  $S_{NL}$  is shown in Figure 6 from Resio and Bach.\*

34. In summary, DWAVE is a computer code that simulates the growth, propagation, and decay of wave energy as a function of space, time, frequency, and direction. Wave growth occurs through transfer of energy from the wind to the sea surface. Part of this energy results in surface gravity waves. As energy continues to flow into the spectrum, wave-wave interactions transfer energy from the midrange portion of the spectrum to both the forward face and high-frequency regions. For constant wind input, eventually an equilibrium of energy versus frequency is reached. Wave energy is propagated in space through time as a function of frequency and direction of each of the discrete energy packets.

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\* Resio and Bach, op. cit.

#### PART IV: MODEL CALIBRATION

35. Most numerical wave models require a certain amount of fine-tuning, or calibration, when first applied to a particular area. A model can be calibrated in several ways, including adjustment of certain internal parameters that control processes such as wave growth, propagation, and dissipation; adjustment of external parameters, such as input wind fields; or a combination of both. To determine if, and to what degree, the model used in the present study required calibration, modeled wave parameters from the grid point closest to MEDS Buoys 64 and 74 (Figure 2) were compared with available buoy-measured wave parameters for the period April-December 1973. Time-series plots and percent distribution histograms of measured versus modeled wave height and peak spectral period were examined. Wind speed was not measured by the MEDS buoys, and therefore, it was not available for comparison purposes.

36. Figures 7a and 8a show that the distributions of wave heights are significantly different. The buoy exhibits a much larger percentage, approximately 50 percent, of wave heights in the 0.0- to 0.5-m range than the model and a considerably lower percentage, approximately 50 percent, in the 0.5- to 1.0-m range. The trend in the distribution of peak periods is not as consistent between stations as the wave heights. Figure 7b shows the buoy exhibiting a larger percentage of peak spectral periods greater than 3.5 sec; in contrast, Figure 8b shows the model exhibiting a larger percentage of peak spectral periods greater than 3.5 sec.

37. Given the inherent problems in assimilating wind data from irregularly spaced (both spatial and temporal) observations and in determining how best to blend all the available data, it was felt that the input wind field was the most "free" parameter to vary for model calibration. The best approach was determined to be an adjustment to the input (modeled) wind speeds to provide an improved overall comparison in the distribution of wave height and peak spectral period. For Lake Ontario, the adjustment applied was a decrease of all wind speeds by 5 m/sec and a subsequent increase of wind speeds greater than 20 m/sec by as much as 5 m/sec. This increase in wind speed improved the agreement between distributions of wave height and peak period, as shown in Figures 9 and 10.

38. Figures 9a and 10a show a definite improvement in the wave height distribution with the largest differences of approximately 50 percent reduced to within 5 percent. An overall improvement between the distributions of peak periods also results, as shown in Figures 9b and 10b. Representative time-series plots of model predictions and the corresponding measured parameters are shown in Figures 11 and 12 for MEDS Buoys 64 and 74, respectively. As shown, the modeled results compare very well with the measured data.

39. The statistics associated with the calibration period are given in Tables 5 and 6 for Buoys 64 and 74, respectively. The mean and maximum values agree very well. The objective of the study was to provide an accurate representation of the mean wave climatology on the lake. Based on this improved agreement, the above procedure was considered sufficient and was used for the entire 32-year hindcast.

## PART V: VERIFICATION

40. An important question to ask in any study involving numerical models, whether used for hindcasting purposes as in the present study or as a forecasting tool, is, "How well does the simulated data reproduce, or predict, what has, or what will, occur?" The ability to answer this question with any degree of confidence depends on the availability and quality of field measurements within the study area. As was pointed out in the introduction, wave height measurements on Lake Ontario were very scarce. Thus, all reliable data from MEDS Buoys 60 and 65 for the period April-November 1972 were compared with hindcast results from the same time and location using the distributions of height and period as a measure of acceptability.

41. Figure 13 shows percent distributions for measured (MEDS Buoy 60) versus modeled (WIS Sta 22) wave height and peak spectral period. Figure 14 shows the same type of comparisons for MEDS Buoy 65 versus WIS Sta 35. Agreement between each set of distributions is quite good. As shown, excellent results were obtained at Buoy 65, whereas the model tends to overpredict the measured wave height at Buoy 60. The largest difference in wave height is seen to occur in the 0.0- to 0.5-m range (Figure 13a), where modeled exceeds measured by approximately 15 percent.

42. Time-series plots of the model results versus measurements are given in Figure 15 for Buoy 60, and in Figure 16 for Buoy 65. Summaries of statistics are presented in Tables 7 and 8 for the two verification sites, respectively. As shown, the results are consistent with those obtained in the calibration analysis. The lack of measured wind information for comparison with modeled winds precluded the application of any direct improvements. Hence, it was concluded from the above results, that the model with adjusted winds could be used successfully to provide an accurate representation of wave climatology on Lake Ontario.

## PART VI: EXPLANATION OF SUMMARY TABLES

### Percent Occurrence Tables

#### Description

43. Two types of tables are printed: azimuth tables and tables for all directions. The azimuth tables give the percent occurrence of waves in height and period ranges for specified direction bands at each station. The title of each table provides station identification and azimuth, or midpoint angle for each of the sixteen 22.5-deg direction bands (Table 9). The period ranges were derived from the period ranges available from the WIS hindcast model (Table 10), and the height ranges are in 0.25-m increments. Values in the azimuth tables represent the percentage of the 32-year period during which waves occur from the specified azimuth range for the indicated height and period ranges. The values have been multiplied by 1,000 to allow more accuracy while using less printing space. Summations of period and height ranges are provided in the last column and row of each table. The summations also have been multiplied by 1,000. The last line in each azimuth table contains the following information for the specified azimuth range and station:

- a. The mean wave height  $H$  .
- b. The largest  $H$  .
- c. The mean spectral peak period  $T_p$  .
- d. The number of cases (wave occurrences computed at 3-hr intervals over the length of the hindcast for that direction band).

44. The all-directions table for each station is printed following the 337.5-deg azimuth table for each station. This table gives the percent occurrence of waves within specified height and period ranges coming from all directions. Values in the all-directions table are multiplied by 100. The parameters listed in the last line of the table are derived from all directions for the full 32 years, and the total number of cases (93,504) is the number of cases calculated in the 32 years analyzed.

### Use of the tables

45. The tables have been developed to produce the most detailed information available in a summary report.

### Example

46. To find the number of hours that waves of 0.50 to 0.74 m and 3.0 to 3.9 sec are expected to occur from the 292.5-deg band at Sta 1 for the 32-year interval, the value read in the table for the specified station, azimuth, height, and period should first be divided by 1,000, which for this example yields 1.881 percent (Appendix A). Then 1.881 is divided by 100 to give the probability (0.01881) and multiplied by the number of hours for the 32-year interval (93,504 cases times 3 hr = 280,512 hr) to yield the number of hours that the specified wave is expected to occur. The simple conversion process is:

$$\frac{\text{Value read in table}}{1,000 \times 100} \times \text{number of hours in time interval} = \text{number of hours specified wave is expected to occur}$$

For this example:

$$\frac{1.881}{1,000 \times 100} \times 280,512 \text{ hr} = 5,276 \text{ hr}$$

### Wave Rose Diagrams

#### Description

47. The wave rose diagrams use wave height  $H$  and wave direction  $D$  and present analyses of the 32 years of hindcast data. The diagrams show the percent occurrence of  $H$  ranges from eight (45-deg) direction bands. The percentage of waves occurring from each direction for the specified station is displayed in a triangle at the end of each leg of the diagram.

48. As in most wave rose diagrams, the width of each bar segment indicates the  $H$  range, and the length of the bar segment indicates the percent occurrence of waves from the specified direction. The distance between each circle in the diagram is 20 percent. Each leg of the diagram represents 22.5 deg to either side of the primary direction of the leg. For example, the



leg to the north represents waves coming from 337.5 deg (NNW) through 0 deg (N) to 22.5 deg (NNE).

#### Use of the diagrams

49. The diagrams are intended as visual aids and are not appropriate for detailed analyses.

#### Example

50. The wave rose diagram for Sta 1 (Appendix A) indicates that 8 percent of the waves were from the east, 90-deg band (waves moving east to west), and of the 8 percent, approximately 65 percent were 0.0 to 0.4 m, about 23 percent were 0.5 to 0.9 m, about 9 percent were 1.0 to 1.4 m, etc. The total for each leg is 100 percent for the specified direction.

### Mean $H$ , Largest $H$ , and 32-Year Statistics Tables

#### Description

51. Two tables that summarize the mean and largest  $H$  for each month and year are provided for each station (Appendix A). The mean table also provides a mean monthly value and mean yearly value of  $H$  . The largest  $H$  table provides the largest  $H$  hindcast for each month in each year. The 32-year statistics tables provide the following:

- a. Mean  $H$  .
- b. Mean  $T_p$  .
- c. Most frequent  $D$  band.
- d. Standard deviation of  $H$  .
- e. Standard deviation of  $T_p$  .
- f. Largest  $H$  .
- g.  $T_p$  of largest  $H$  .
- h.  $D$  of largest  $H$  .
- i. Date and time (GMT) of largest  $H$  .

#### Use of the tables

52. The tables can be used as a quick reference in determining estimates of the wave climate in an area.

### Example

53. To determine the mean  $H$  at Sta 1 for January 1956, simply read the value in the specified column and row (Appendix A). The mean  $H$  for 1956 is given in the MEAN column opposite 1956. The mean  $H$  for all January's is given in the MEAN row under JAN. For this example:

- a. The mean  $H$  for JAN 1956 = 0.4 m.
- b. The mean  $H$  for 1956 = 0.3 m.
- c. The mean  $H$  for all JAN's = 0.4 m.

The largest  $H$  table can be read in a similar fashion, and by scanning the columns and rows, additional information can be determined:

- a. The largest  $H$  for JAN 1956 = 1.4 m.
- b. The largest  $H$  for 1956 = 2.2 m.
- c. The largest  $H$  for all JAN's = 3.0 m.

### Return Period Tables

#### Description

54. An analysis of extreme storm wave heights was performed for each of the save stations. The procedure, developed by Goda (1988) and currently available in CERC's Automated Coastal Engineering System, fits five candidate probability distributions to a series of ranked extreme wave heights. In the present study, a Fisher-Tippett Type I distribution was chosen because it provided the best overall match to the input data. The 32-year extremal statistic tables (Appendix B) are in the following format:

- a. Wave heights for recurrence intervals of 2, 5, 10, 20, and 50 years are listed.
- b. The standard error of wave height for the specified return period is included in parentheses next to each wave height estimate.
- c. Angle Classes 1, 2, and 3 are defined as viewed by an observer on shore (Figure 17):
  - (1) Angle Class 1 - Mean wave approach angle greater than 30 deg to right of normal to shore.
  - (2) Angle Class 2 - Mean wave approach angle within 30 deg to either side of normal to shore.

(3) Angle Class 3 - Mean wave approach angle greater than 30 deg to left of normal to shore.

(4) Angle Class All - includes all directions.

55. Table 11 lists the azimuths of the vectors normal to the shoreline for each station.

Use of the table

56. Estimates of extreme wave heights and their standard errors can simply be read from the table for the desired return period and station. Table 12 provides the factor by which the standard error should be multiplied to obtain bounds for various levels of confidence and the corresponding probability of exceeding the upper bound. Table 13 can be used to find the probability of one or more waves, or larger waves, of a specified return period occurring within 1, 10, 25, or 50 years.

Example

57. Wave height values for specified return periods are simply read from the table for the desired station. For example, the 50-year maximum for Sta 1, Angle Class 1, is 3.1 m. The 50-year maximum for Sta 1, all directions, is 3.3 m. Table 13 shows that the 3.3-m extreme wave height has a probability of 0.18 of being equaled or exceeded at least once in 10 years.

## PART VII: RESULTS

58. A 32-year time-series of historical wave heights, periods, and directions has been developed for Lake Ontario using the latest version of Coastal Engineering Research Center's deepwater wave model. The data presented in this report, in the form of graphs and tables, serve to verify the hindcast procedure as well as present a concise and useful summary of a very large data set.

59. Information contained in this report can be quite useful for initial assessments, but users must keep in mind that the results from this hindcast represent deepwater conditions, and, as such, should be used only as approximations to coastal conditions. For detailed coastal wave information, such as that required for the design, construction, operation, and maintenance of coastal structures, one must take advantage of the full two-dimensional spectrum (available on magnetic tape) from the nearest deepwater point and use an appropriate shallow-water wave transformation model to bring the waves to the point of interest.

60. One of the more important parameters reported is the return period wave height. It is often this extreme value that guides the design of many coastal structures, such as selection of the appropriate rock size for a jetty or breakwater. Coastal engineers, both within the COE and in the private sector, responsible for the design of coastal structures on the Great Lakes have relied heavily on the results of RV for estimates of extreme waves. The return period wave heights estimated in this study were compared with those reported in RV. The results, shown in Figures 18a-d and in Table 14, compare the wave heights at co-located stations for return periods of 5, 10, 20, and 50 years, respectively.

61. Each plot shows four distinct regions of varying agreement, roughly corresponding to the shoreline orientation and geometry. Sta 4 and 5 are located in the western end of the lake, where the extreme wave heights estimated in the present study (WIS) are always lower than the RV estimates. Sta 6 through 11, aligned parallel to the shore, exhibit the greatest difference between extreme wave height estimates with WIS values exceeding RV values by as much as 1.8 m for the 5- and 10-year return periods. Sta 12 through 15 are also aligned parallel to the shore but are partially sheltered by the

coastline to the west from the most frequent wind direction of due west. The drop in wave heights between Sta 11 and 12 is attributed to this sheltering. If refraction were employed in the model or if these stations were farther offshore, more wave energy would reach these stations, and the curve would be more continuous. Sta 16 through 20 are located in the eastern end of the lake and exhibit the highest wave heights. This condition is an indication of the predominantly westerly winds over the length of the lake. These figures indicate that generally higher waves can be expected at the coast as one moves from west to east along the shoreline. More accurate estimates of design wave heights at a project site near the shore can be obtained using this offshore information and depth-dependent wave transformation models.

62. It is felt that the WIS estimates are more realistic given the fetch lengths involved and the nature of the storms that pass over the area. As an example, the SPM (1984) nomograms of deepwater wave height prediction suggest that Sta 11, with an estimated fetch of 160 km to the west, could experience a 6.0-m wave given a wind speed of 30 m/sec blowing for approximately 8 hr. This agrees quite well with the WIS estimate of 6.1 m reported for the 50-year return period at Sta 11. Although these curves are for monochromatic wave conditions, they do serve to indicate that the return period wave heights estimated in the present study are realistic and that, perhaps, the RV estimates for these stations are low.

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Table 1  
MEDS Buoys and Period of Record

<u>Station</u>	<u>Location</u>	<u>Period of Record</u>
MEDS 60	Main Duck	Apr-Nov 1972
MEDS 64	Coburg	Apr-Dec 1973
MEDS 65	Toronto	Jul-Oct 1972
MEDS 74	Kingston	Aug-Nov 1973



Table 2  
Lake Ontario Stations

<u>Station</u>	<u>Latitude, deg N</u>	<u>Longitude, deg W</u>	<u>Depth, m</u>
1	43.30	79.65	55
2	43.30	79.45	82
3	43.30	79.25	82
4	43.45	79.05	123
5	43.45	78.85	132
6	43.45	78.65	145
7	43.45	78.45	146
8	43.45	78.25	137
9	43.46	78.05	132
10	43.46	77.85	130
11	43.46	77.65	150
12	43.32	77.45	64
13	43.32	77.25	59
14	43.32	77.05	64
15	43.31	76.86	17
16	43.45	76.65	75
17	43.60	76.45	110
18	43.60	76.25	26
19	43.73	76.25	24
20	43.88	76.45	24
21	44.03	76.65	29
22	43.88	76.65	20
23	43.75	76.85	88
24	43.75	77.05	81
25	43.75	77.25	64
26	43.75	77.45	55
27	43.90	77.65	38
28	43.90	77.85	38
29	43.90	78.05	55
30	43.80	78.25	101
31	43.75	78.45	90
32	43.75	78.65	77
33	43.75	78.85	73
34	43.75	79.05	55
35	43.60	79.25	101
36	43.45	79.45	101
37	43.45	79.25	128
38	43.60	78.85	128
39	43.60	78.45	155
40	43.60	78.05	185
41	43.60	77.65	150
42	43.60	77.25	148
43	43.60	76.85	174
44	43.75	76.65	82

Table 3  
Lake Ontario Input Wind Stations  
and Period of Record

<u>Station</u>	<u>Period of Record</u>
Buffalo	1956-1987
Rochester	1956-1987
Syracuse	1956-1987
Kingston	1968-1986
Trenton	1956-1986
Toronto	1956-1986

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Table 4  
Air-Sea Temperature Differences, °C

Dir.	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
E	-6.0	-8.7	-0.2	0.0	3.2	3.2	0.3	-0.1	-1.8	-3.1	-4.1	-8.4
	-9.0	-8.9	-0.0	0.2	3.3	3.1	1.0	-0.7	-2.1	-1.7	-3.2	-6.7
	-11.1	-10.7	-1.5	0.8	3.2	2.3	1.5	-0.9	-1.2	-1.5	-3.3	-7.5
	-12.2	-5.6	-0.3	1.1	2.6	3.5	1.3	0.5	-0.7	-1.2	-2.1	-6.9
	-10.5	-15.1	-1.7	1.7	2.6	2.9	1.7	-0.2	-0.6	-1.1	-2.0	-5.4
	-8.3	-4.9	-0.6	1.1	2.7	2.8	1.8	0.6	-0.2	-0.7	-1.3	-6.6
	-10.1	-1.2	-0.3	2.2	2.5	2.7	1.5	0.1	-0.3	0.9	-1.5	-6.3
	-5.6	-2.8	-0.7	1.7	2.8	3.3	2.9	0.9	0.5	1.2	-1.2	-5.3
	-1.6	-3.1	-0.4	1.9	2.8	3.1	3.3	1.0	0.5	0.9	-2.0	-4.0
	-4.2	0.5	-0.6	2.8	3.6	3.2	2.9	0.8	0.7	-1.1	-1.6	-2.8
N	-0.8	-2.9	-1.0	2.5	3.6	3.4	2.6	1.0	-0.5	-0.1	-2.2	-5.8
	-6.3	-1.8	1.1	2.4	4.2	3.5	3.0	1.6	0.3	0.1	-1.8	-3.4
	-3.7	-1.1	1.3	2.8	3.5	4.8	2.6	1.4	1.2	0.4	-1.7	-1.7
	-4.9	-1.8	1.4	3.0	3.5	4.2	2.7	1.1	0.2	0.0	-1.3	-7.2
	-1.3	-3.0	1.4	3.5	4.5	4.1	2.5	0.9	0.0	0.4	0.0	-5.3
	-4.0	-0.8	1.5	3.5	4.1	4.1	2.2	0.9	0.8	0.1	-0.4	-4.3
	-1.2	0.0	0.9	2.5	4.7	4.4	2.5	1.8	0.3	0.5	-0.3	-2.7
	-1.8	-1.3	0.1	2.8	4.4	4.2	3.1	2.1	1.0	1.1	0.3	-4.0
	-2.5	-2.6	0.3	2.4	5.2	4.9	3.8	2.1	1.2	0.6	-0.7	-3.9
	-1.9	-2.2	-0.0	1.8	4.1	4.7	3.4	2.0	1.0	1.5	-0.4	-2.9
W	-2.7	-2.3	1.6	3.6	4.5	4.9	3.3	1.8	2.0	1.1	-1.2	-2.9
	-2.7	-2.4	1.4	2.9	4.3	4.2	3.0	1.8	1.2	0.8	-1.1	-2.0
	-2.0	-3.3	0.8	2.9	4.5	3.9	2.6	1.8	1.5	-0.1	-1.1	-1.6
	-3.2	-3.7	-0.3	3.0	3.8	4.5	2.8	1.1	1.4	0.0	-1.4	-3.0
	-4.1	-3.0	-0.2	2.4	3.7	4.2	2.4	1.4	0.1	-0.7	-2.1	-3.2
	-3.3	-3.4	-0.3	2.2	3.5	4.0	2.5	1.0	0.2	-0.4	-2.9	-2.8
	-3.6	-4.4	-0.6	2.5	2.9	3.9	2.2	1.7	-0.0	-0.9	-2.2	-2.8
	-4.4	-5.1	-1.4	2.0	2.9	3.8	1.9	1.4	-0.5	-1.4	-2.9	-5.9
	-4.5	-4.6	-1.8	2.3	3.5	3.2	2.2	1.3	-0.5	-1.3	-2.9	-5.3
	-7.3	-6.7	-2.3	1.8	3.6	4.0	2.2	0.4	-0.7	-2.1	-3.1	-7.4
S	-7.1	-5.9	-2.4	1.8	2.9	3.3	2.0	0.6	-0.4	-2.9	-4.3	-6.9
	-8.2	-6.6	-2.7	2.2	2.5	3.3	1.8	0.8	-1.2	-2.5	-4.0	-7.5
	-7.4	-8.2	-2.5	2.6	2.5	3.2	2.1	1.2	-0.9	-3.5	-4.6	-7.5
	-8.7	-6.2	-1.9	1.3	3.4	3.3	1.9	-0.2	-1.6	-4.3	-5.1	-7.9
	-12.5	-5.5	-1.4	1.8	3.0	3.0	2.0	1.2	-1.4	-2.6	-4.9	-9.1
	-8.3	-6.7	-3.2	0.4	3.7	2.8	1.3	0.1	-0.8	-3.9	-4.2	-8.1

Note: Columns represent averages of air-sea temperature differences by month. Rows represent averages of air-sea temperature difference by wind vector direction within 10-deg classes (Class 1 = due east, 10 = due north, 19 = due west, 28 = due south).

Table 5  
April-December 1973

<u>Statistical Parameter</u>	<u>Wave Height Statistics</u>	
	<u>MEDS Buoy 64. m</u>	<u>WIS Sta 29. m</u>
Mean	0.49	0.32
Std dev about mean	0.44	0.33
Maximum value	3.30	2.10
	<u>Peak Period Statistics</u>	
	<u>MEDS Buoy 64. sec</u>	<u>WIS Sta 29. sec</u>
Mean	3.57	3.29
Std dev about mean	1.07	0.74
Maximum value	8.00	8.00
No. Observations	1,867	

Table 6  
August-November 1973

<u>Statistical Parameter</u>	<u>Wave Height Statistics</u>	
	<u>MEDS Buoy 74. m</u>	<u>WIS Sta 21. m</u>
Mean	0.48	0.50
Std dev about mean	0.36	0.43
Maximum value	2.30	2.40
	<u>Peak Period Statistics</u>	
	<u>MEDS Buoy 74. sec</u>	<u>WIS Sta 21. sec</u>
Mean	3.36	3.32
Std dev about mean	1.01	0.73
Maximum value	8.50	7.00
No. Observations	750	

Table 7  
April-November 1972

<u>Statistical Parameter</u>	<u>Wave Height Statistics</u>	
	<u>MEDS Buoy 60. m</u>	<u>WIS Sta 22. m</u>
Mean	0.60	0.39
Std dev about mean	0.49	0.34
Maximum value	3.68	2.30
	<u>Peak Period Statistics</u>	
	<u>MEDS Buoy 60. sec</u>	<u>WIS Sta 22. sec</u>
Mean	3.75	3.25
Std dev about mean	1.18	0.62
Maximum value	9.80	6.00
No. Observations	1,250	

Table 8  
July-October 1972

<u>Statistical Parameter</u>	<u>Wave Height Statistics</u>	
	<u>MEDS Buoy 65. m</u>	<u>WIS Sta 35. m</u>
Mean	0.34	0.28
Std dev about mean	0.27	0.30
Maximum value	1.57	2.70
	<u>Peak Period Statistics</u>	
	<u>MEDS Buoy 65. sec</u>	<u>WIS Sta 35. sec</u>
Mean	3.19	3.09
Std dev about mean	0.93	0.38
Maximum value	6.80	7.00
No. Observations	964	

Table 9  
Ranges for Direction Intervals in  
Percent Occurrence Tables

<u>Midband</u> <u>deg</u>	<u>Range</u> <u>deg</u>
0.0	348.75 < D < 11.25
22.5	11.25 < D < 33.75
45.0	33.75 < D < 56.25
67.5	56.25 < D < 78.75
90.0	78.75 < D < 101.25
112.5	101.25 < D < 123.75
135.0	123.75 < D < 146.25
157.5	146.25 < D < 168.75
180.0	168.75 < D < 191.25
202.5	191.25 < D < 213.75
225.0	213.75 < D < 236.25
247.5	236.25 < D < 258.75
270.0	258.75 < D < 281.25
292.5	281.25 < D < 303.75
315.0	303.75 < D < 326.25
337.5	326.25 < D < 348.75

Table 10  
Frequency Ranges Used in WIS Hindcast Model

<u>Midband</u>		Band Range Period	Grouping for Percent Occurrence Tables
<u>Frequency</u> <u>Hz</u>	<u>Period</u> <u>sec</u>		
0.40	2.5	2.30 < T < 2.74	<3.0
0.33	3.0	2.74 < T < 3.23	3.0-3.9
0.29	3.4	3.23 < T < 3.70	
0.25	4.0	3.70 < T < 4.17	4.0-4.9
0.23	4.3	4.17 < T < 4.44	
0.22	4.5	4.44 < T < 4.65	5.0-5.9
0.21	4.8	4.65 < T < 4.88	
0.20	5.0	4.88 < T < 5.13	
0.19	5.3	5.13 < T < 5.41	
0.18	5.6	5.41 < T < 5.71	6.0-6.9
0.17	5.9	5.71 < T < 6.06	
0.16	6.3	6.06 < T < 6.45	7.0-7.9
0.15	6.6	6.45 < T < 6.90	
0.14	7.1	6.90 < T < 7.41	8.0-8.9
0.13	7.7	7.41 < T < 8.00	
0.12	8.3	8.00 < T < 8.70	9.0-9.9
0.11	9.1	8.70 < T < 9.52	
0.10	10.0	9.52 < T < 10.53	10.0-10.9
0.09	11.1	10.53 < T < 11.76	11.0-longer
0.08	12.5	11.76 < T < 13.33	

Table 11  
Azimuths of Vectors Normal to the Shoreline

<u>Station Location</u>	<u>Azimuth</u>	<u>Station Location</u>	<u>Azimuth</u>
1	25	23	160
2	0	24	169
3	338	25	191
4	346	26	180
5	344	27	180
6	343	28	165
7	0	29	180
8	0	30	173
9	3	31	167
10	9	32	163
11	20	33	167
12	341	34	134
13	349	35	140
14	15	36	134
15	340	37	341
16	325	38	347
17	330	39	0
18	270	40	3
19	262	41	18
20	234	42	355
21	144	43	349
22	140	44	267

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Table 12  
Confidence Interval Bounds for Extreme  
Wave Heights

<u>Confidence Level</u>	<u>Bounds Around</u> <u>Wave Height</u>	<u>Probability of</u> <u>Exceeding Upper Bound, %</u>
80	+/-1.28	10.0
85	+/-1.44	7.5
90	+/-1.65	5.0
95	+/-1.96	2.5
99	+/-2.58	0.5

Table 13  
Probabilities of Extreme Wave Heights\*

<u>Return Period</u> <u>years</u>	<u>Probability of Wave Height Being Equaled or</u> <u>Exceeded at Least Once in Given Number of Years</u>			
	<u>1</u>	<u>10</u>	<u>25</u>	<u>50</u>
5	0.20	0.89	>0.99	>0.99
10	0.10	0.65	0.94	>0.99
20	0.05	0.40	0.71	0.90
50	0.02	0.18	0.40	0.61

\* From Reich (1983).

Table 14  
Return Period Wave Heights from RV  
and Present Study (WIS)

<u>Station No.</u>			<u>Return Period, years</u>							
			<u>5</u>		<u>10</u>		<u>20</u>		<u>50</u>	
<u>RV</u>	<u>WIS</u>	<u>Depth, m</u>	<u>RV</u>	<u>WIS</u>	<u>RV</u>	<u>WIS</u>	<u>RV</u>	<u>WIS</u>	<u>RV</u>	<u>WIS</u>
1	4	123	3.8	3.7	4.2	3.8	4.8	4.0	5.5	4.2
2	5	132	4.1	3.9	4.5	4.0	4.9	4.2	5.5	4.4
3	6	145	3.4	4.2	3.7	4.4	4.0	4.6	4.4	4.8
4	7	146	3.4	4.5	3.8	4.7	4.1	4.8	4.5	5.1
5	8	137	3.6	4.7	3.9	4.8	4.2	5.0	4.6	5.3
6	9	132	3.7	4.9	4.1	5.1	4.4	5.3	4.8	5.6
7	10	130	3.9	5.1	4.1	5.3	4.5	5.5	4.9	5.8
8	11	150	3.6	5.4	4.0	5.6	4.4	5.8	5.0	6.1
9	12	64	4.3	3.5	4.7	3.7	5.1	3.8	5.5	4.0
10	13	59	4.4	3.8	4.8	3.9	5.3	4.1	5.8	4.3
11	14	64	4.5	3.8	4.9	4.0	5.3	4.2	5.9	4.4
12	15	17	4.5	4.1	4.9	4.3	5.4	4.5	5.9	4.8
13	16	75	5.8	5.9	6.4	6.2	7.0	6.5	7.8	6.9
14	17	110	5.6	5.8	6.3	6.2	6.9	6.5	7.7	7.0
15	18	26	5.8	5.9	6.4	6.2	7.1	6.6	7.9	7.0
16	19	24	6.4	5.8	6.7	6.2	7.0	6.5	7.4	6.9
17	20	24	4.8	5.8	5.4	6.2	5.9	6.7	6.8	7.2

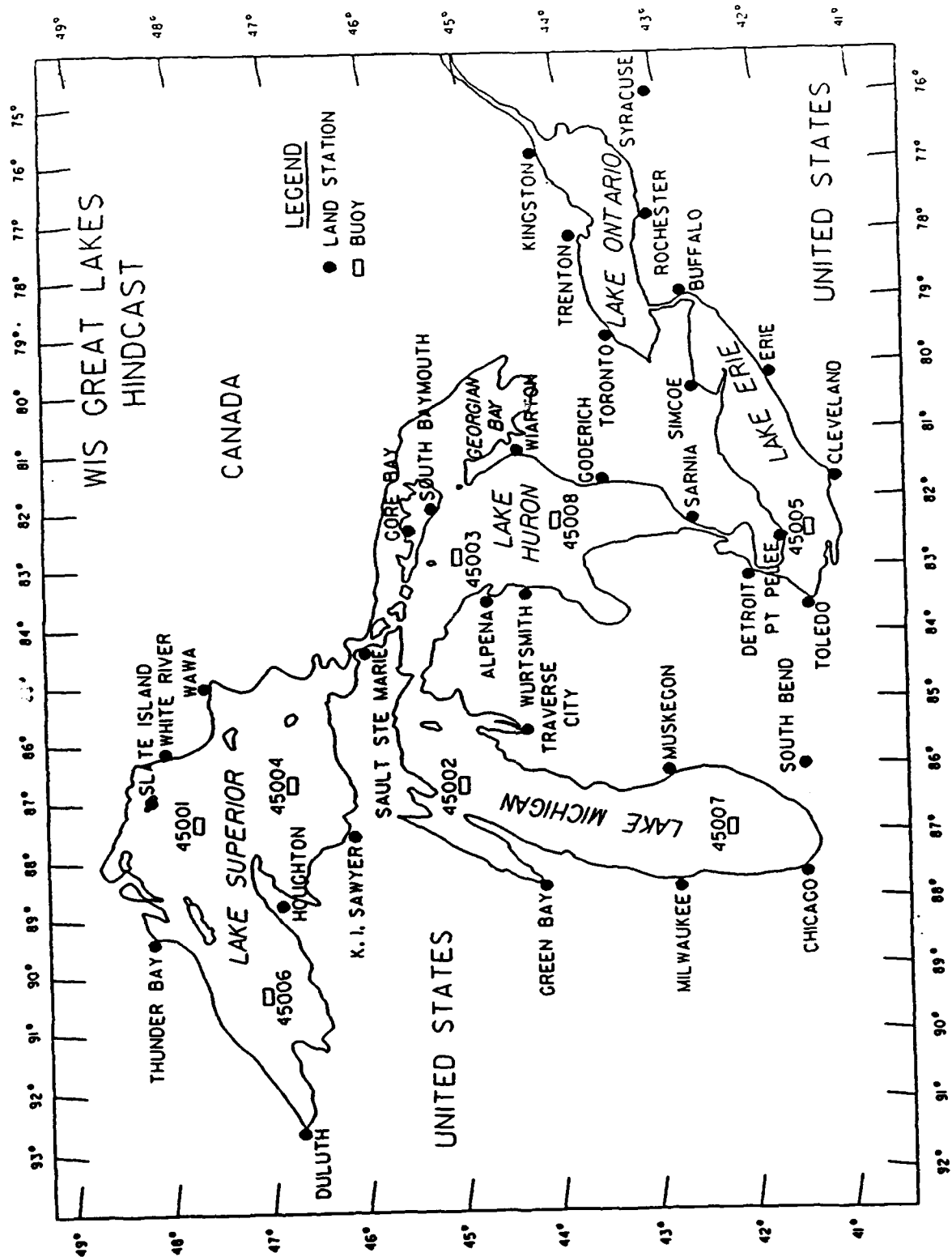


Figure 1. Location map of NOAA buoys located in the Great Lakes

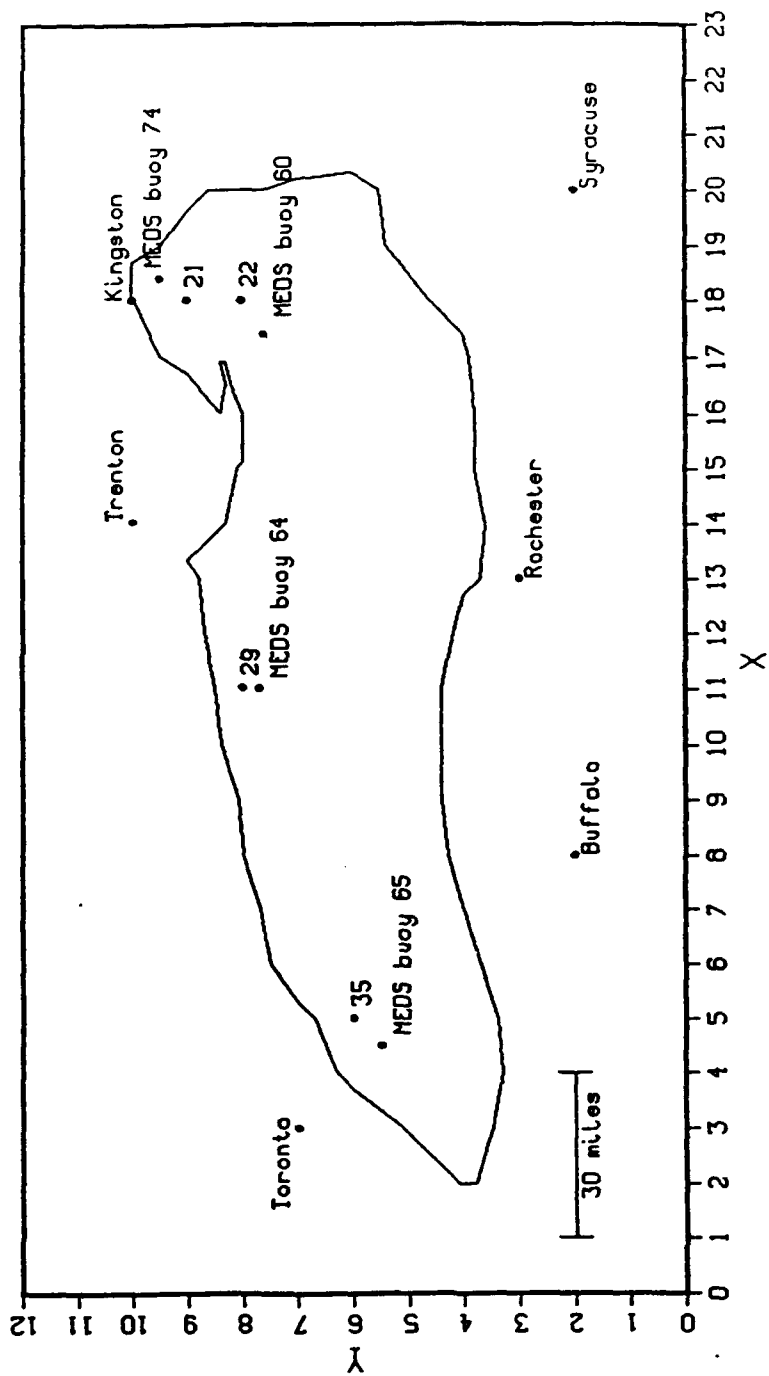


Figure 2. Location map of input wind stations and MEDS buoy placement on Lake Ontario

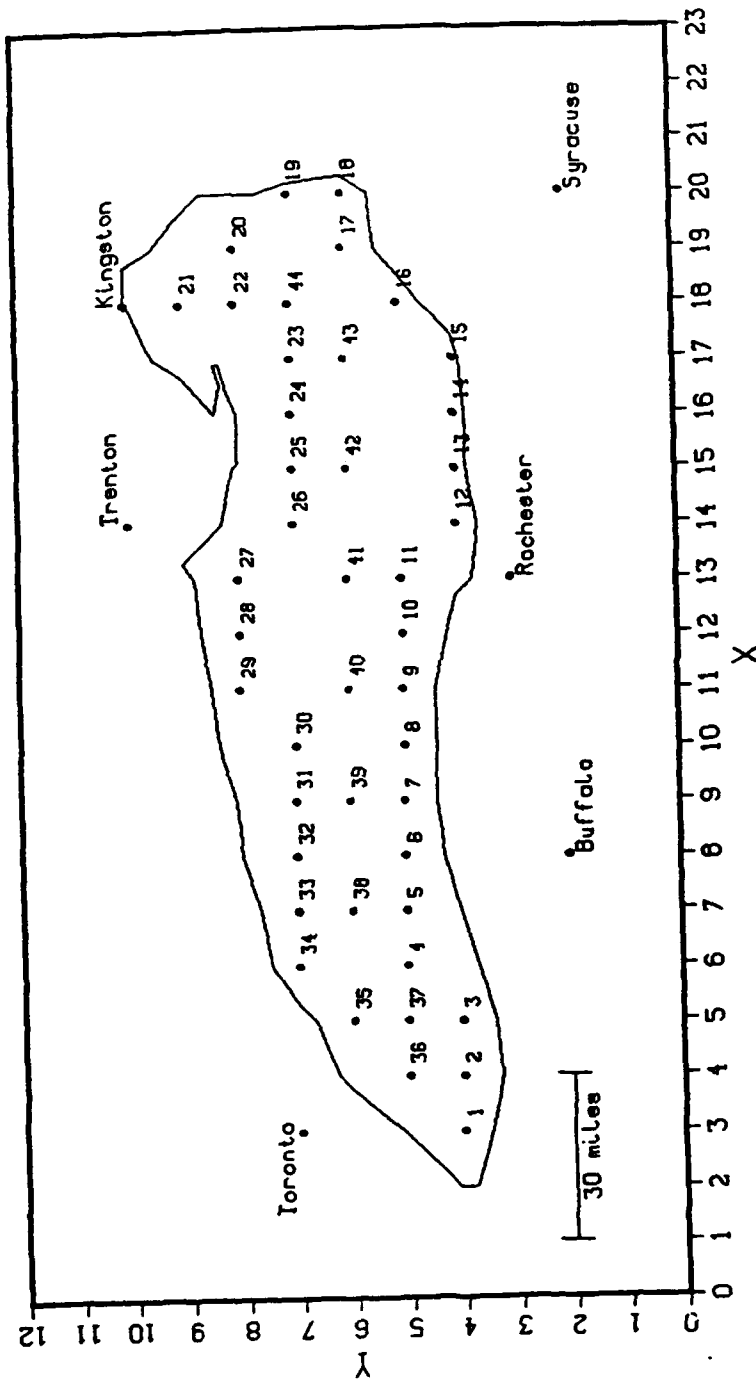


Figure 3. Station location map of Lake Ontario

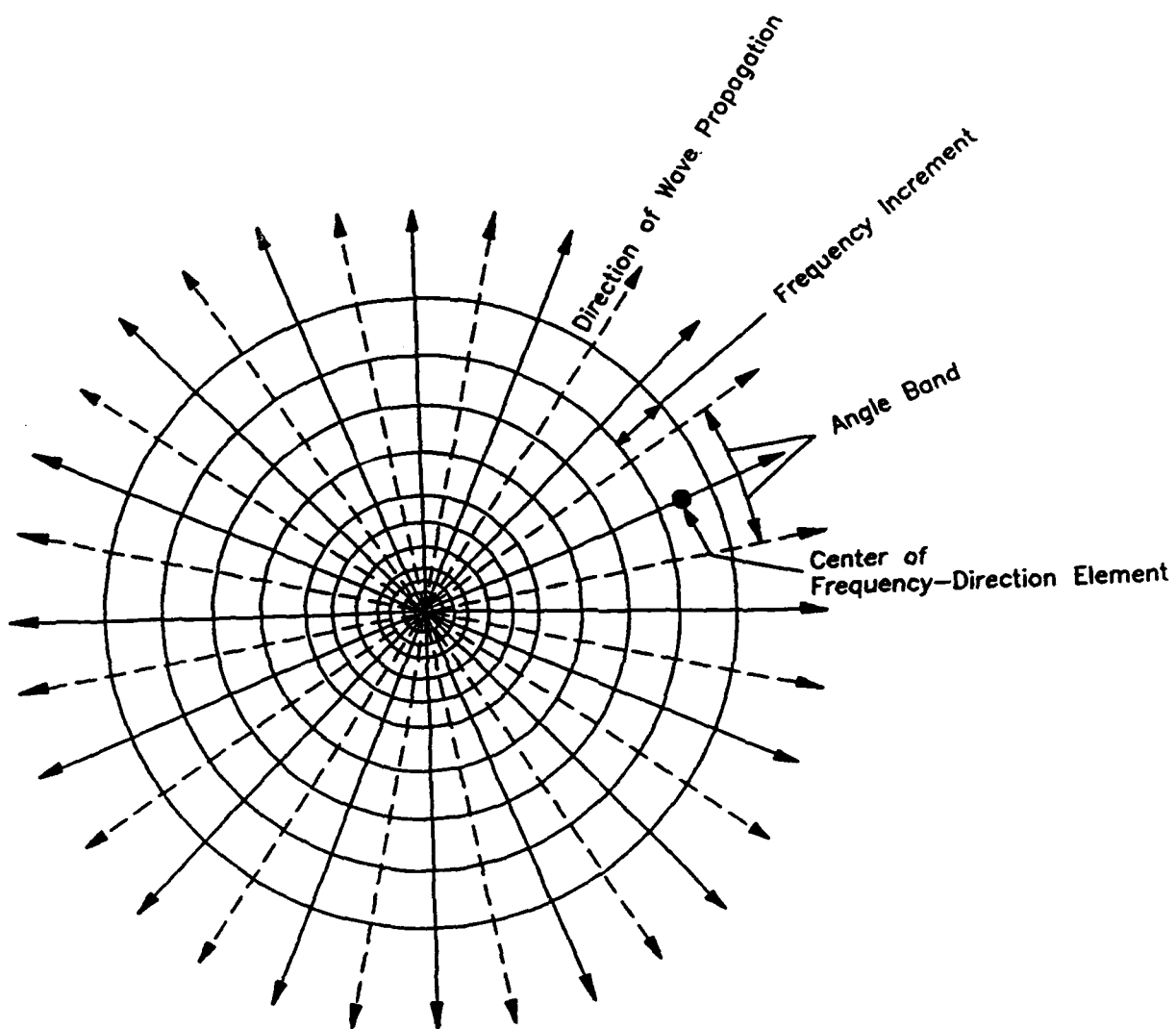


Figure 4. Schematic representation of directional spectrum

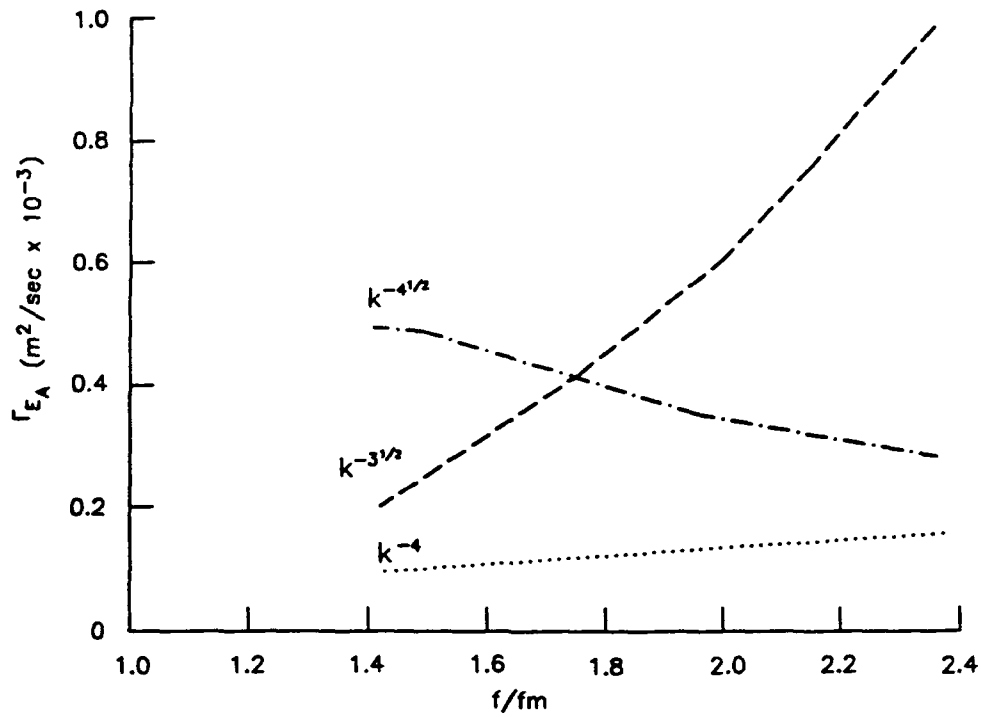


Figure 5. Calculated energy fluxes through the spectrum based on the complete Boltzmann integral

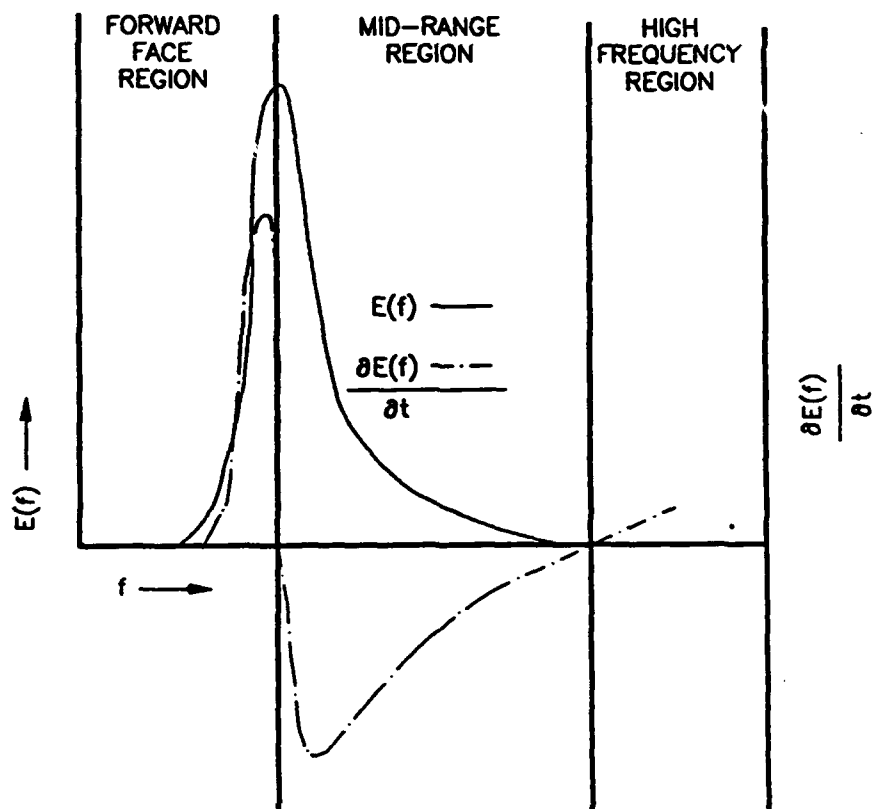
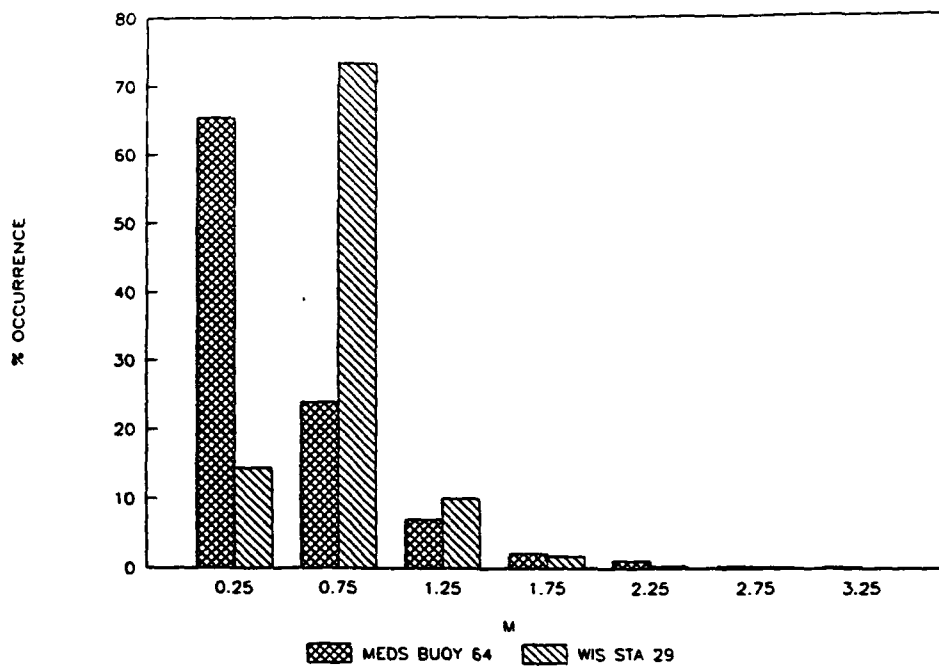
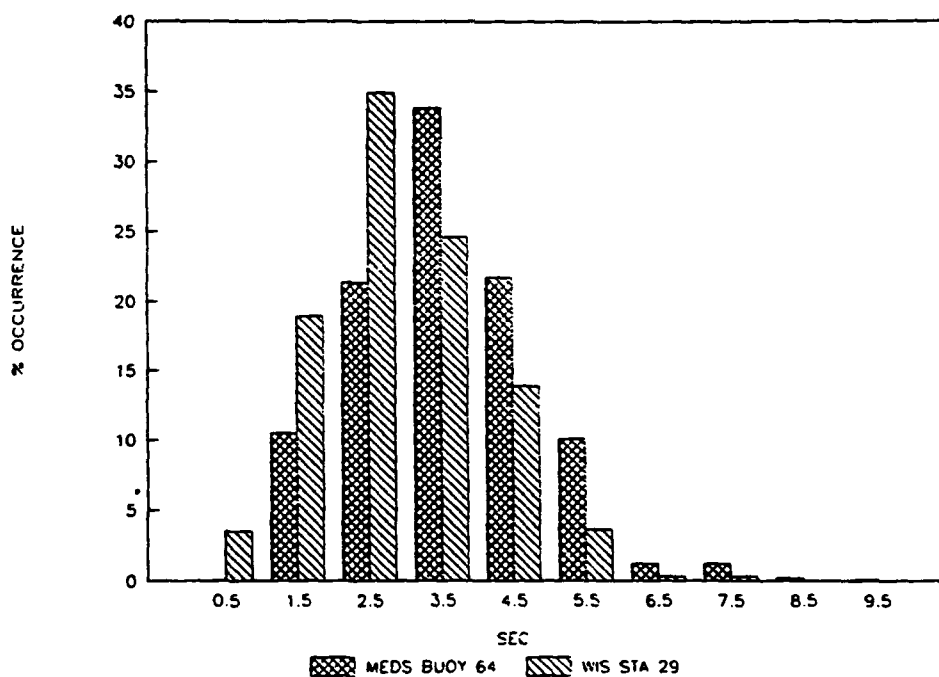


Figure 6. Nonlinear energy transfer as a function of frequency



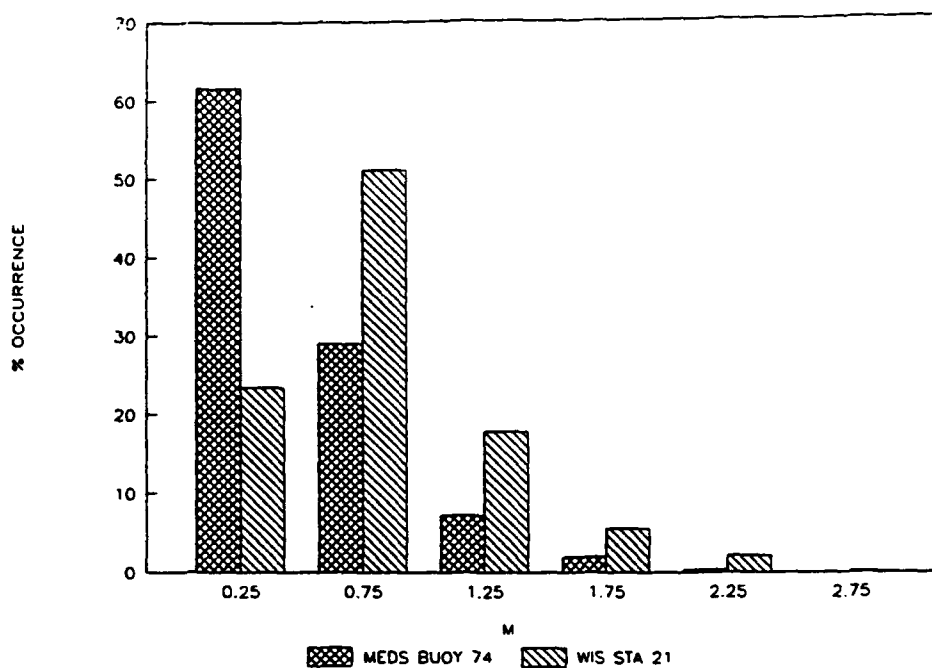
**a. wave heights**



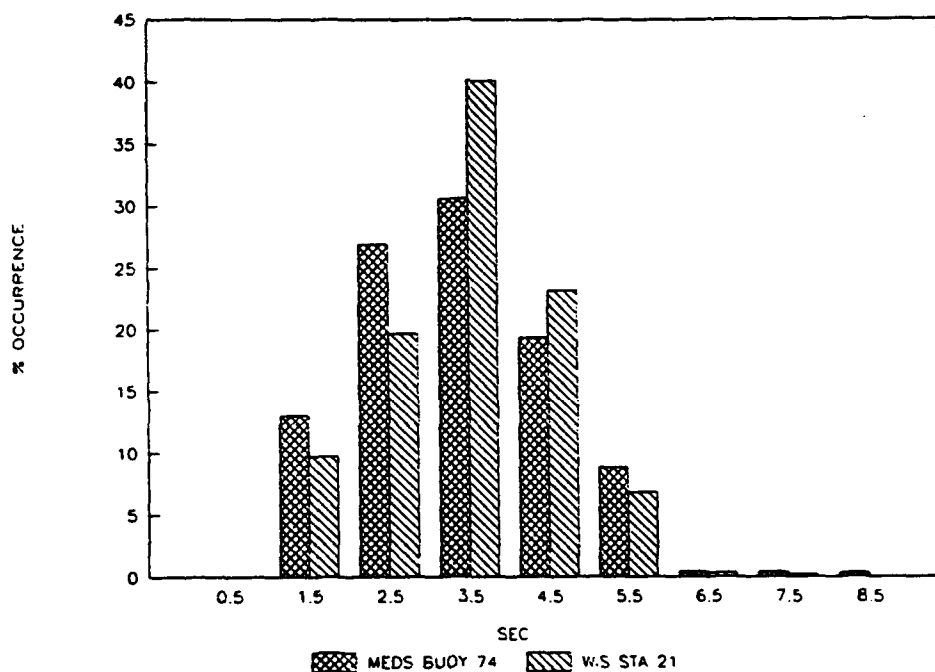
**b. Peak periods**

**Figure 7. Percent distribution histograms of measured and initial wave heights and peak periods at Coburg for April-December 1973**



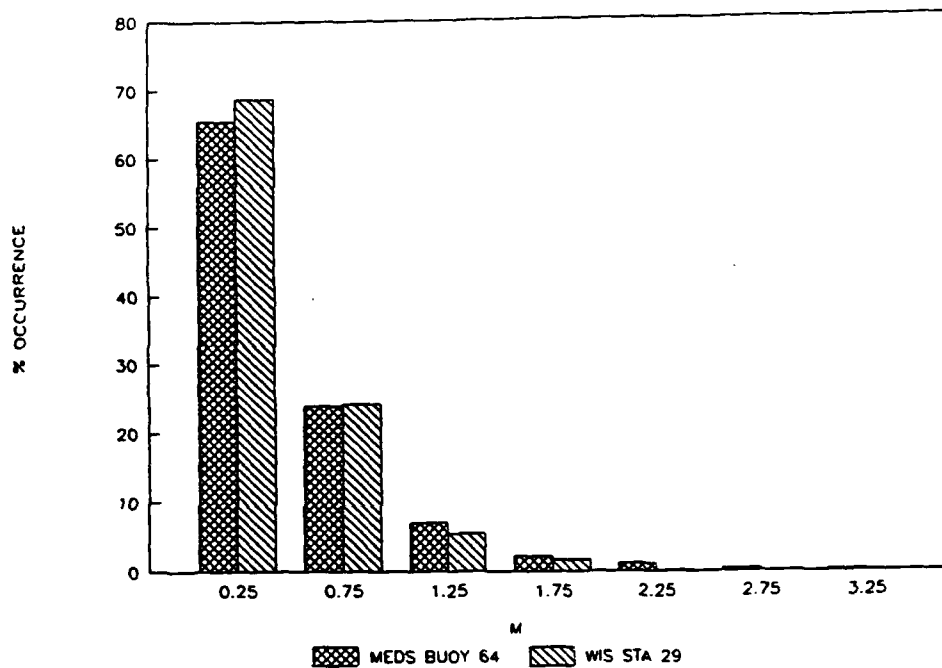


a. Wave heights

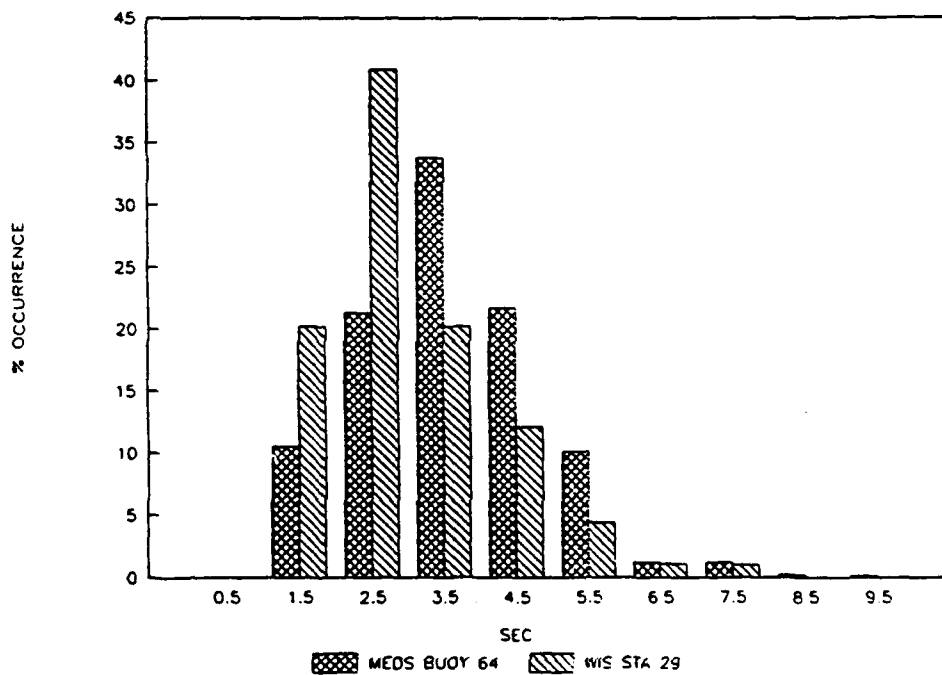


b. Peak periods

Figure 8. Percent distribution histograms of measured and initial wave heights and peak periods at Kingston for April-December 1973

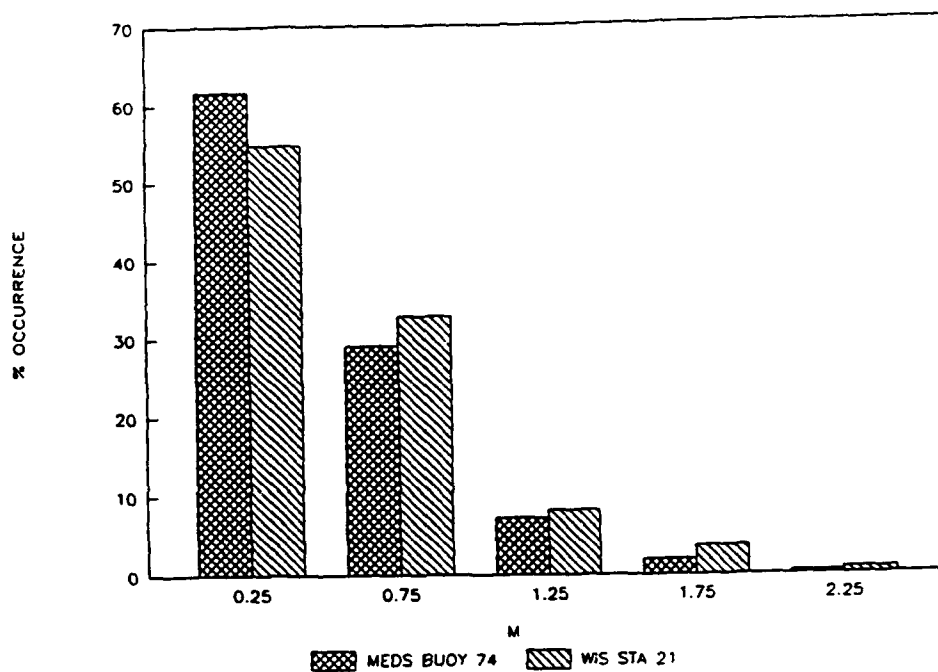


a. Wave heights

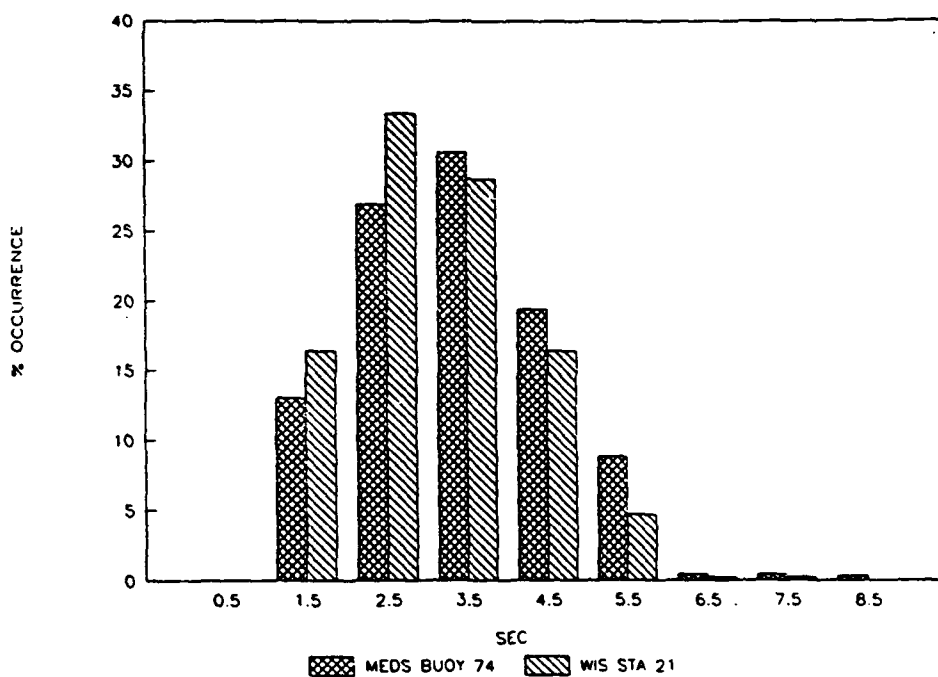


b. Peak periods

Figure 9. Percent distribution histograms of measured and adjusted wave heights and peak periods at Coburg for April-December 1973

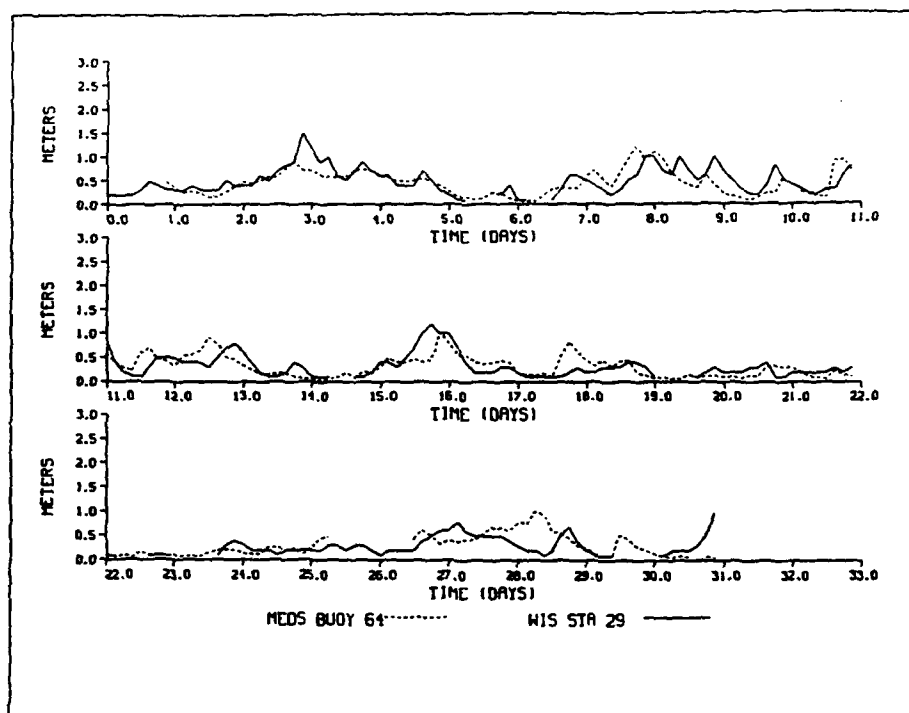


a. Wave heights

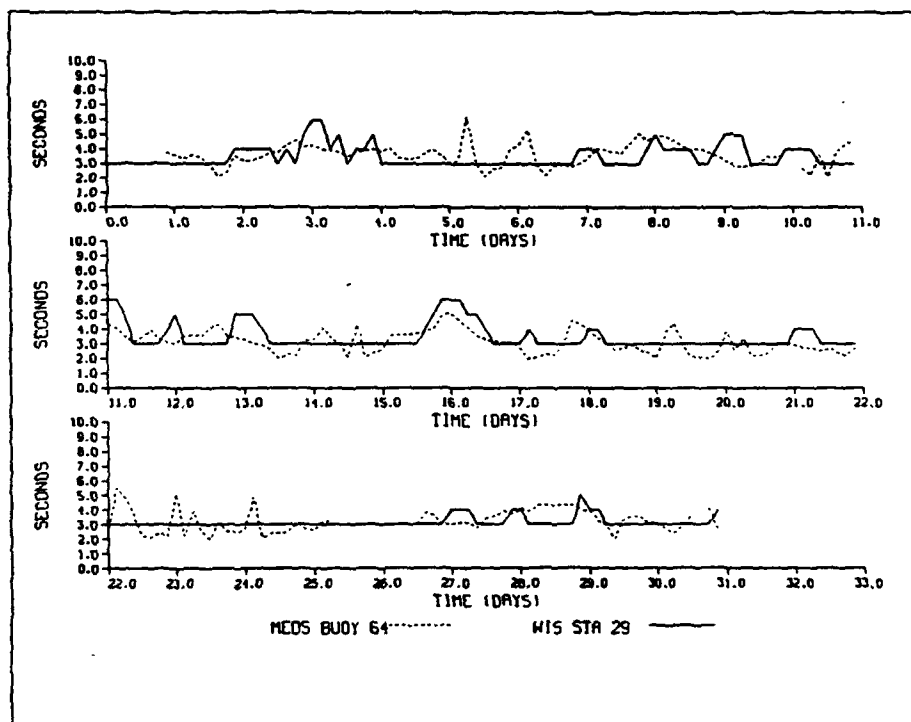


b. Peak periods

Figure 10. Percent distribution histograms of measured and adjusted wave heights and peak periods at Kingston for April-December 1973

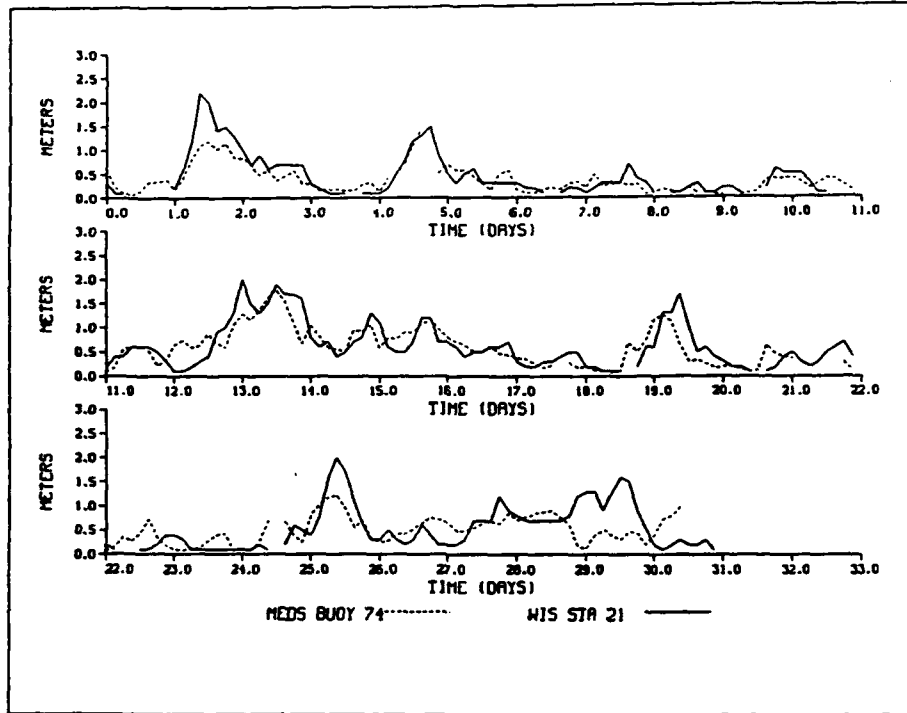


a. Wave heights

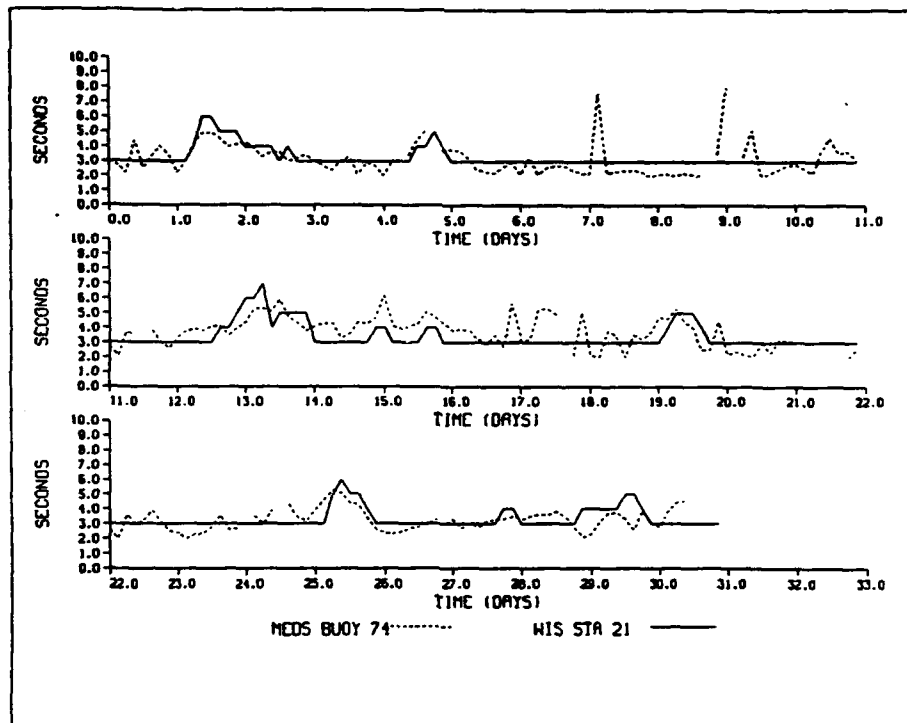


b. Peak periods

Figure 11. Time series comparison plots of measured versus modeled wave heights and peak periods at Coburg for May 1973

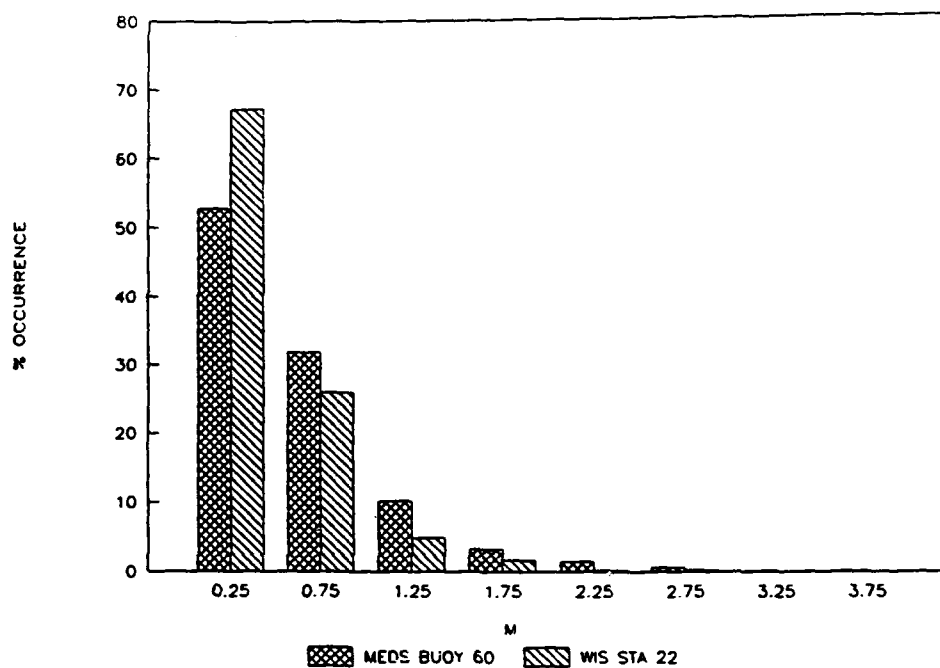


a. Wave heights

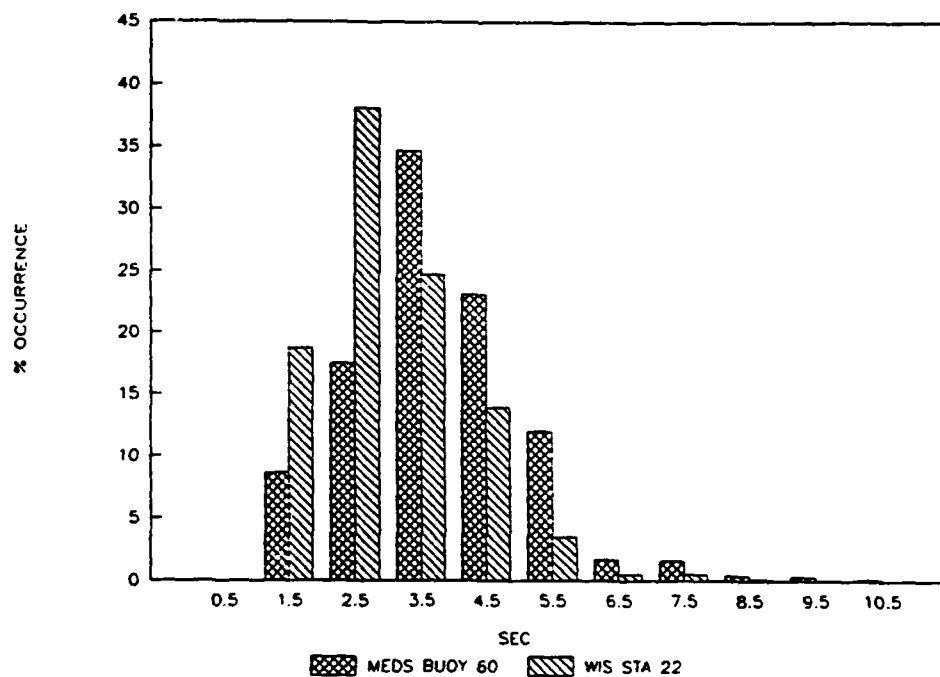


b. Peak periods

Figure 12. Time series comparison plots of measured versus modeled wave heights and peak periods at Kingston for October 1973

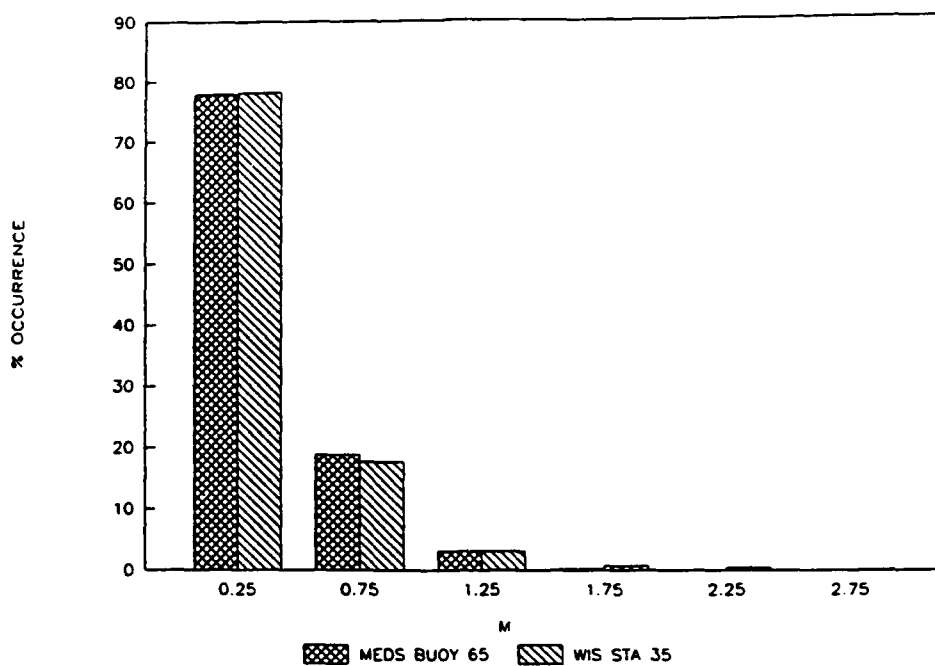


a. Wave heights

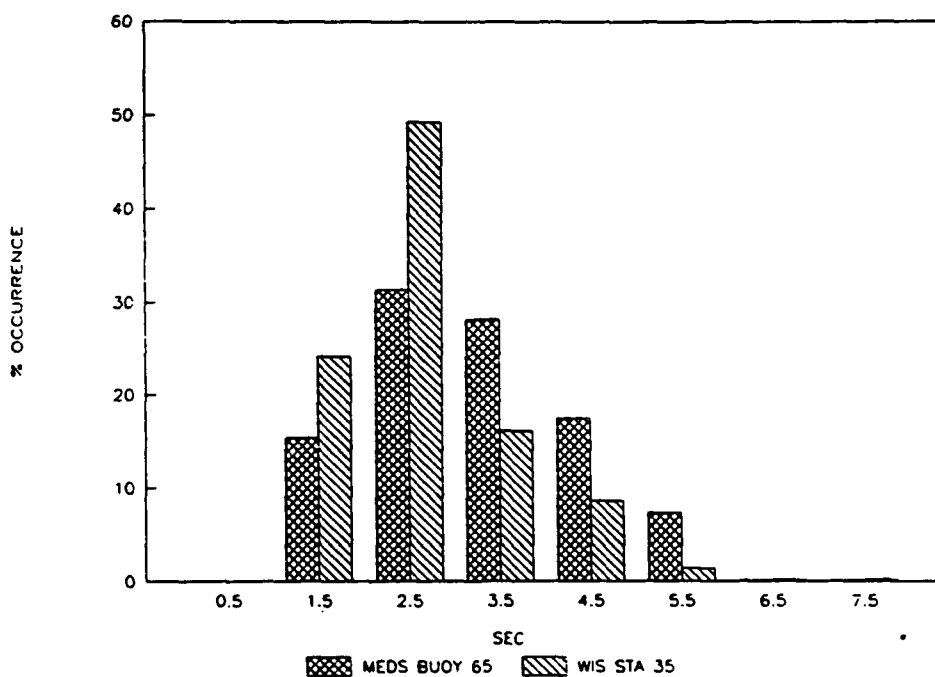


b. Peak periods

Figure 13. Percent distribution histograms of measured and modeled wave heights and peak periods at Main Duck Island for April-November 1972

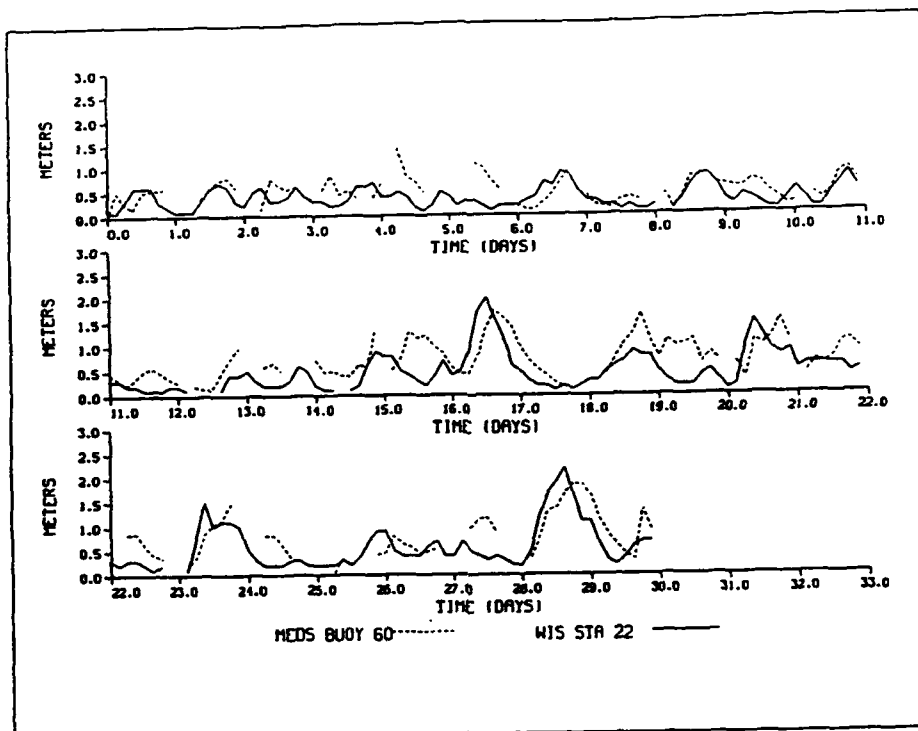


**a. Wave heights**

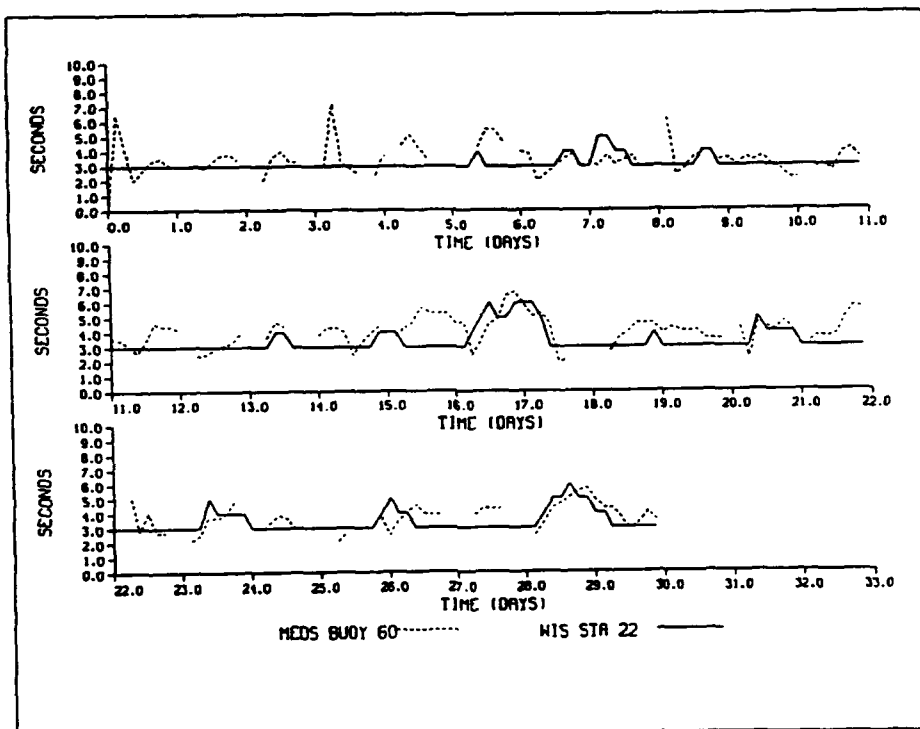


**b. Peak periods**

**Figure 14. Percent distribution histograms for measured and modeled wave heights and peak periods at Toronto for April-November 1972**



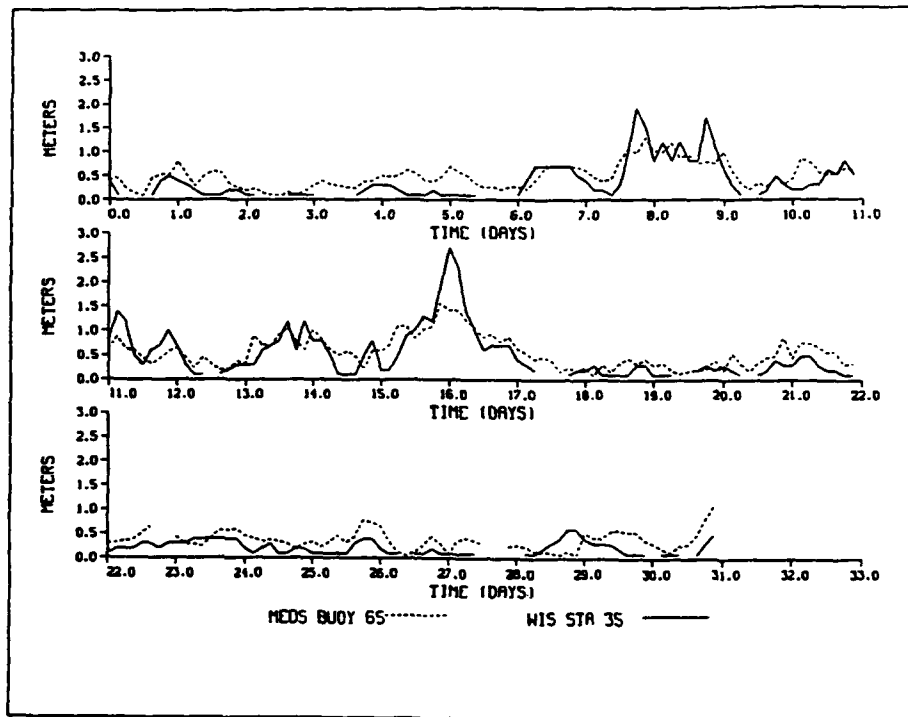
a. Wave heights



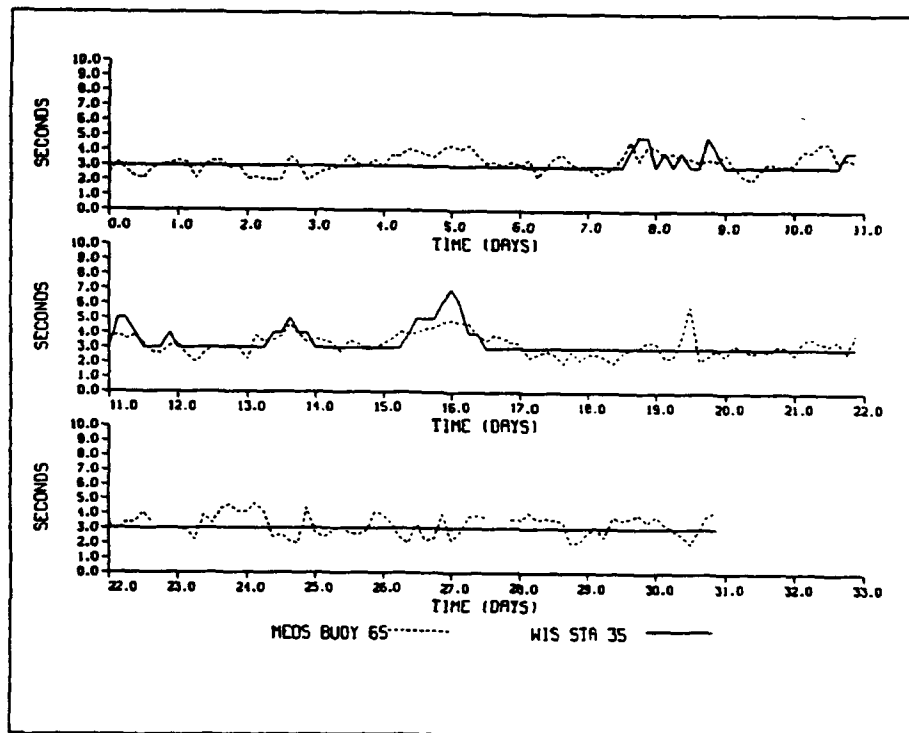
b. Peak periods

Figure 15. Time series comparison plots of measured versus modeled wave heights and peak periods at Main Duck Island for September 1972





a. Wave heights



b. Peak periods

Figure 16. Time series comparison plots of measured versus modeled wave heights and peak periods at Toronto for October 1972

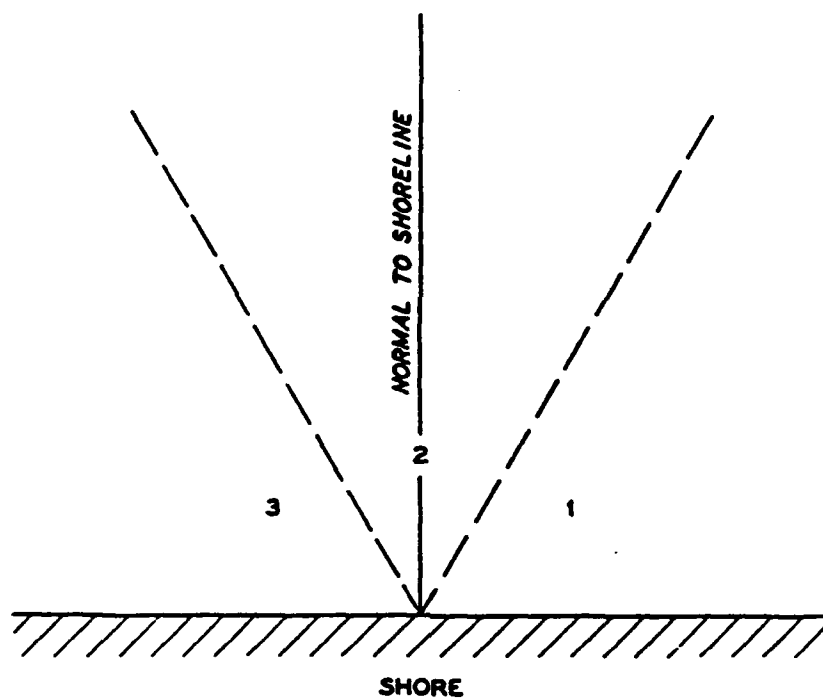
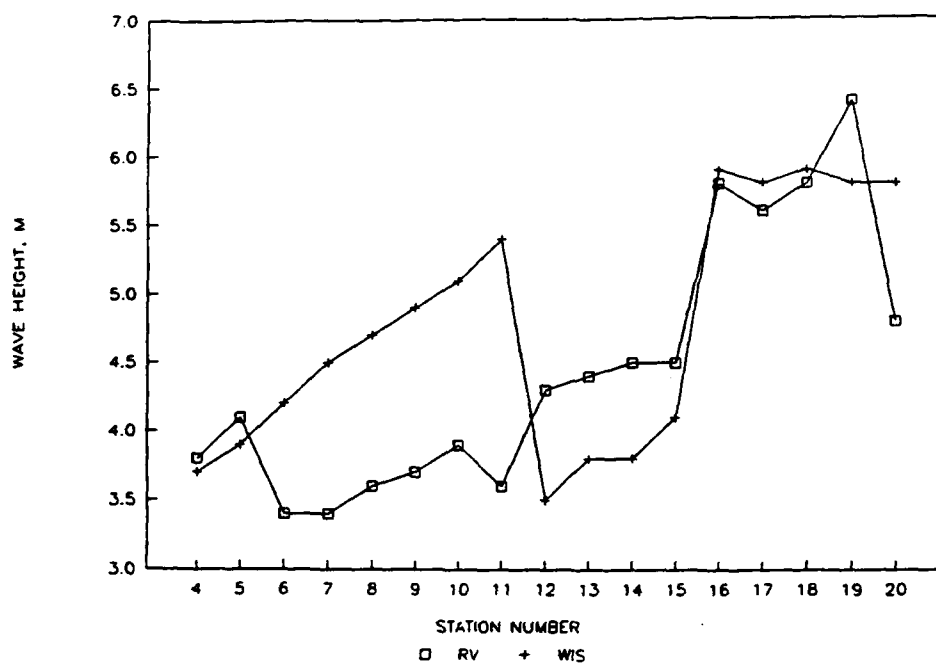
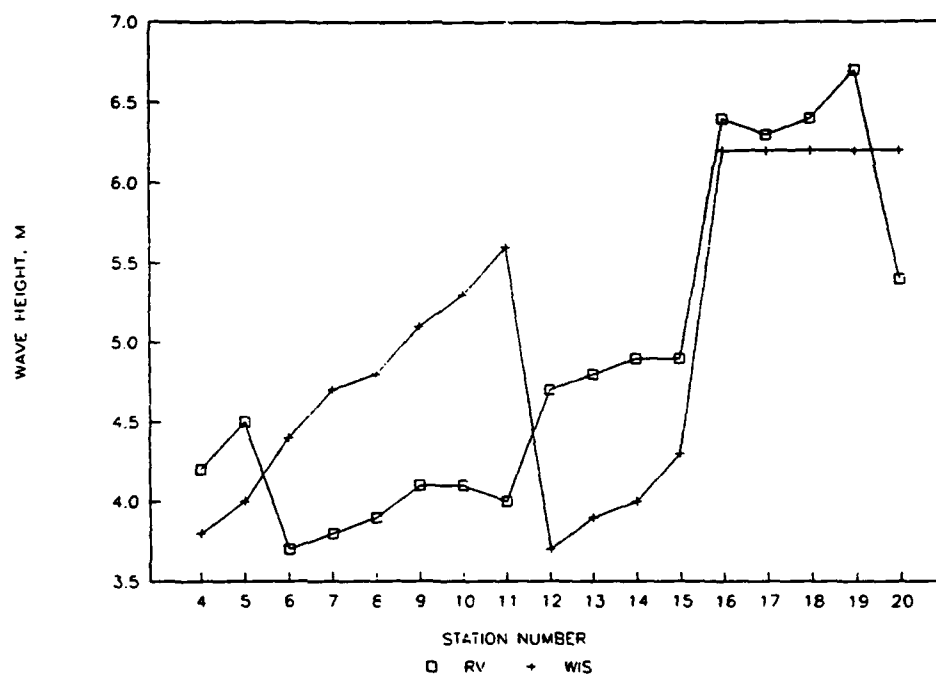


Figure 17. Definition sketch of angle classes

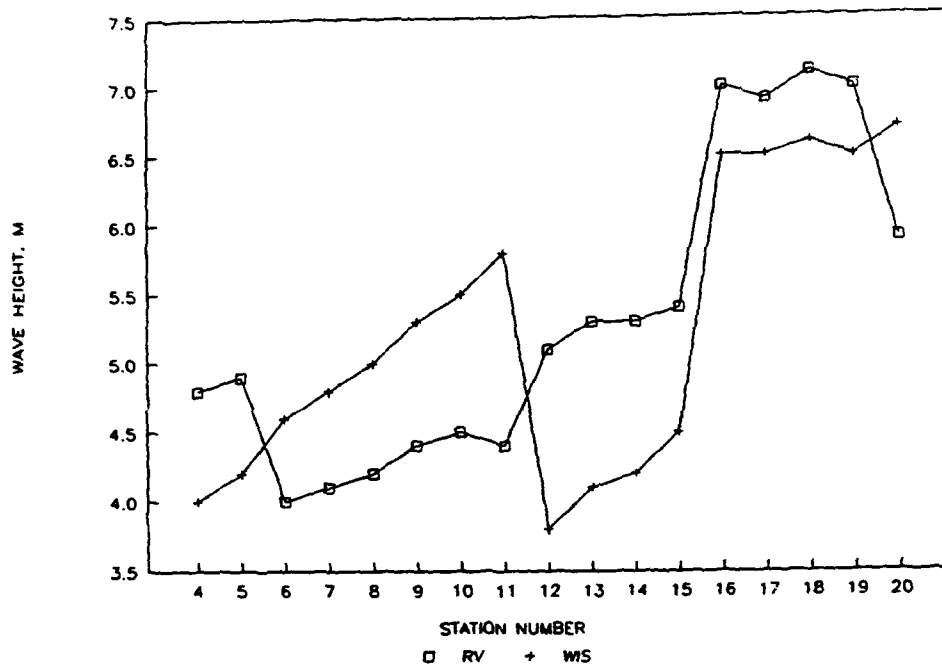


a. Five-year return period

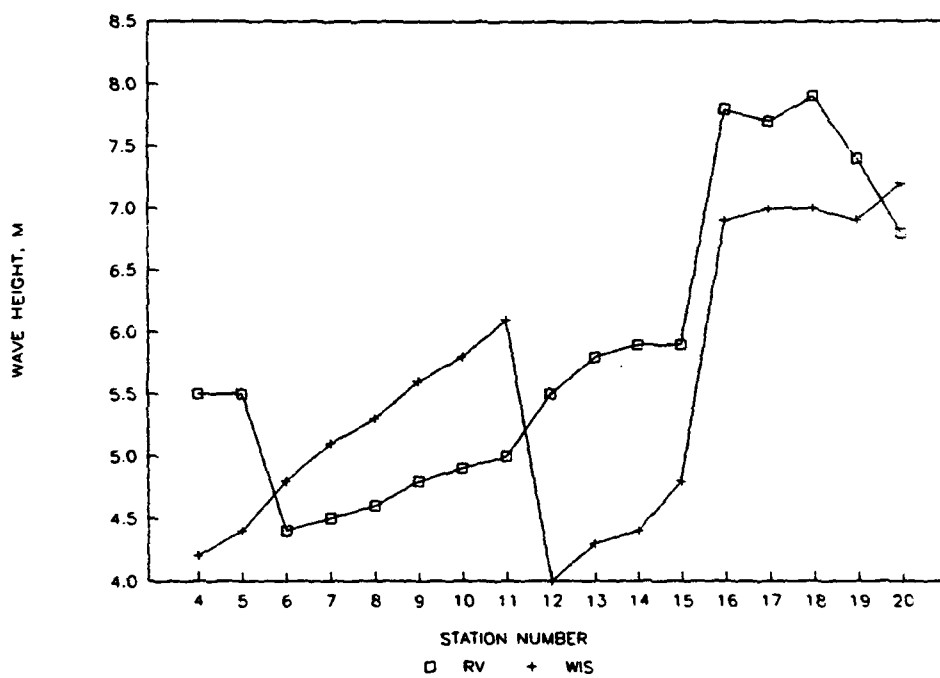


b. Ten-year return period

Figure 18. Wave heights for co-located RV and WIS stations for 5-, 10-, 20-, and 50-year return periods (Continued)



c. Twenty-year return period



d. Fifty-year return period

Figure 18. (Concluded)

**APPENDIX A: SUMMARY TABLES**

STATION 001 43.30N 79.65W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	5087	127	12	.	.	.	.	.	.	5226
0.25-0.49	.	2085	67	38	.	.	.	.	.	.	2212
0.50-0.74	.	1044	25	19	.	.	.	.	.	.	1118
0.75-0.99	.	111	4	2	.	.	.	.	.	.	143
1.00-1.24	.	.	104	1	.	.	.	.	.	.	115
1.25-1.49	.	.	29	1	.	.	.	.	.	.	33
1.50-1.74	.	.	7	.	.	2	.	.	.	.	10
1.75-1.99	.	.	.	.	.	1	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	8331	364	132	28	3	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.1 NO. OF CASES= 8293.

STATION 001 43.30N 79.65W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2171	35	8	.	.	.	.	.	.	2214
0.25-0.49	.	548	43	22	.	.	.	.	.	.	613
0.50-0.74	.	257	66	25	7	.	.	.	.	.	355
0.75-0.99	.	18	25	21	.	.	.	.	.	.	64
1.00-1.24	.	.	16	20	6	.	.	.	.	.	42
1.25-1.49	.	.	3	13	7	.	.	.	.	.	23
1.50-1.74	.	.	.	4	4	.	.	.	.	.	8
1.75-1.99	.	.	.	.	3	.	.	.	.	.	3
2.00-2.24	.	.	.	.	4	.	.	.	.	.	4
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	.	1	.	.	.	.	1
2.75-2.99	.	.	.	.	.	1	.	.	.	.	1
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2994	188	113	33	3	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 3.2 NO. OF CASES= 3124.

STATION 001 43.30N 79.65W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1933	47	8	.	.	.	.	.	.	1988
0.25-0.49	.	515	56	28	.	.	.	.	.	.	599
0.50-0.74	.	204	93	29	2	.	.	.	.	.	329
0.75-0.99	.	11	49	25	2	.	.	.	.	.	87
1.00-1.24	.	.	18	65	5	.	.	.	.	.	88
1.25-1.49	.	.	1	19	8	.	.	.	.	.	28
1.50-1.74	.	.	.	8	16	.	.	.	.	.	24
1.75-1.99	.	.	.	.	4	1	.	.	.	.	5
2.00-2.24	.	.	.	.	11	.	.	.	.	.	11
2.25-2.49	.	.	.	.	.	2	.	.	.	.	2
2.50-2.74	.	.	.	.	2	3	1	.	.	.	6
2.75-2.99	.	.	.	.	.	1	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2663	264	182	51	7	1	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 3.3 NO. OF CASES= 2972.

STATION 001 43.30N 79.65W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1243	33	1	1	.	.	.	.	.	1278
0.25-0.49	.	431	24	10	2	.	.	.	.	.	576
0.50-0.74	.	286	19	19	.	.	.	.	.	.	403
0.75-0.99	.	21	13	1	.	.	.	.	.	.	187
1.00-1.24	.	.	9	1	.	.	.	.	.	.	170
1.25-1.49	.	.	3	2	.	.	.	.	.	.	43
1.50-1.74	.	.	.	1	12	1	.	.	.	.	38
1.75-1.99	.	.	.	6	3	.	.	.	.	.	9
2.00-2.24	.	.	.	.	8	2	1	.	.	.	11
2.25-2.49	.	.	.	.	4	.	.	.	.	.	4
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	1	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2081	384	203	51	8	2	0	0	0	0

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 3.4 NO. OF CASES= 2562.

STATION 001 43.30N 79.65W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1637	31	5	.	.	.	.	.	.	1673
0.25-0.49	.	968	26	12	1	.	.	.	.	.	1007
0.50-0.74	.	658	124	8	1	.	.	.	.	.	791
0.75-0.99	.	51	259	3	.	.	.	.	.	.	313
1.00-1.24	.	1	343	36	.	.	.	.	.	.	380
1.25-1.49	.	.	12	93	.	.	.	.	.	.	105
1.50-1.74	.	.	.	79	.	2	.	.	.	.	31
1.75-1.99	.	.	.	58	2	.	.	.	.	.	61
2.00-2.24	.	.	.	11	41	.	.	.	.	.	52
2.25-2.49	.	.	.	.	14	.	.	.	.	.	14
2.50-2.74	.	.	.	.	2	.	.	.	.	.	2
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	1	.	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3315	795	306	62	2	0	0	0	0	4200

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 3.4 NO. OF CASES= 4200.

STATION 001 43.30N 79.65W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1823	41	8	.	.	.	.	.	.	1872
0.25-0.49	.	803	12	3	1	.	.	.	.	.	819
0.50-0.74	.	417	44	6	3	.	.	.	.	.	470
0.75-0.99	.	35	85	2	.	.	.	.	.	.	122
1.00-1.24	.	.	58	7	.	1	.	.	.	.	66
1.25-1.49	.	.	4	10	.	.	.	.	.	.	14
1.50-1.74	.	.	.	12	.	.	.	.	.	.	12
1.75-1.99	.	.	.	4	.	.	.	.	.	.	4
2.00-2.24	.	.	.	1	3	.	.	.	.	.	4
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3078	244	53	8	2	0	0	0	0	3174

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 3.1 NO. OF CASES= 3174.

STATION 001 43.30N 79.65W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	3531	41	18	.	.	.	.	.	.	3590
0.25-0.49	.	777	8	5	.	.	.	.	.	.	790
0.50-0.74	.	229	5	2	2	.	.	.	.	.	238
0.75-0.99	.	13	3	.	.	.	.	.	.	.	16
1.00-1.24	.	2	2	1	.	.	.	.	.	.	5
1.25-1.49	.	.	.	.	.	.	.	.	.	.	0
1.50-1.74	.	.	.	1	.	.	.	.	.	.	1
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4552	59	27	2	0	0	0	0	0	4344

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.5 MEAN TP(SEC)= 3.0 NO. OF CASES= 4344.

STATION 001 43.30N 79.65W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	3472	33	9	2	.	.	.	.	.	3516
0.25-0.49	.	715	2	.	.	.	.	.	.	.	717
0.50-0.74	.	165	1	1	.	.	.	.	.	.	167
0.75-0.99	.	13	1	1	1	.	.	.	.	.	16
1.00-1.24	.	.	10	.	.	.	.	.	.	.	10
1.25-1.49	.	.	2	.	.	.	.	.	.	.	2
1.50-1.74	.	.	.	2	.	.	.	.	.	.	2
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4365	49	13	3	0	0	0	0	0	4147

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.5 MEAN TP(SEC)= 3.0 NO. OF CASES= 4147.

STATION 001 43.30N 79.65W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4376	28	9	.	.	.	.	.	.	4413
0.25-0.49	.	1178	1	3	1	.	.	.	.	.	1183
0.50-0.74	.	401	.	.	1	.	.	.	.	.	402
0.75-0.99	.	28	2	.	.	.	.	.	.	.	30
1.00-1.24	.	1	40	.	.	.	.	.	.	.	41
1.25-1.49	.	.	4	.	.	.	.	.	.	.	4
1.50-1.74	.	.	4	2	.	.	.	.	.	.	6
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5984	79	14	2	0	0	0	0	0	5689

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.0 NO. OF CASES= 5689.

STATION 001 43.30N 79.65W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	3273	22	6	.	.	.	.	.	.	3301
0.25-0.49	.	1256	1	2	2	.	.	.	.	.	1263
0.50-0.74	.	928	1	.	1	.	.	.	.	.	931
0.75-0.99	.	124	26	.	.	.	.	.	.	.	150
1.00-1.24	.	2	78	.	.	.	.	.	.	.	80
1.25-1.49	.	.	29	2	.	.	.	.	.	.	31
1.50-1.74	.	.	3	16	.	.	.	.	.	.	19
1.75-1.99	.	.	.	4	.	.	.	.	.	.	4
2.00-2.24	.	.	.	1	.	.	.	.	.	.	1
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5584	164	31	4	0	0	0	0	0	5413

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.0 NO. OF CASES= 5413.

STATION 001 43.30N 79.65W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4133	24	6	.	.	.	.	.	.	4163
0.25-0.49	.	1828	2	4	.	.	.	.	.	.	1834
0.50-0.74	.	1653	.	.	.	.	.	.	.	.	1653
0.75-0.99	.	320	96	.	.	.	.	.	.	.	416
1.00-1.24	.	5	159	.	.	.	.	.	.	.	164
1.25-1.49	.	.	89	31	.	.	.	.	.	.	130
1.50-1.74	.	.	2	117	.	.	.	.	.	.	119
1.75-1.99	.	.	.	19	.	.	.	.	.	.	19
2.00-2.24	.	.	.	18	.	.	.	.	.	.	18
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	1	.	.	.	.	.	1
3.00-3.24	.	.	.	.	2	.	.	.	.	.	2
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	7939	382	195	5	0	0	0	0	0	7974

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 3.1 NO. OF CASES= 7974.

STATION 001 43.30N 79.65W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	3585	33	6	1	.	.	.	.	.	3625
0.25-0.49	.	2268	5	1	.	.	.	.	.	.	2274
0.50-0.74	.	2172	1	.	.	.	.	.	.	.	2173
0.75-0.99	.	437	120	.	.	.	.	.	.	.	557
1.00-1.24	.	5	349	.	.	.	.	.	.	.	354
1.25-1.49	.	.	174	42	.	.	.	.	.	.	216
1.50-1.74	.	.	24	148	.	.	.	.	.	.	172
1.75-1.99	.	.	.	41	.	.	.	.	.	.	41
2.00-2.24	.	.	.	28	.	.	.	.	.	.	28
2.25-2.49	.	.	.	.	7	.	.	.	.	.	7
2.50-2.74	.	.	.	.	2	.	.	.	.	.	2
2.75-2.99	.	.	.	.	1	.	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	8467	706	266	11	0	0	0	0	0	8845

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 3.1 NO. OF CASES= 8845.



STATION 001 43.30N 79.65W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4568	49	9	2	.	.	.	.	.	4628
0.25-0.49	.	2705	7	3	.	.	.	.	.	.	2715
0.50-0.74	.	2270	.	.	1	.	.	.	.	.	2271
0.75-0.99	.	312	6	.	.	.	.	.	.	.	318
1.00-1.24	.	5	464	.	.	.	.	.	.	.	469
1.25-1.49	.	.	120	.	.	.	.	.	.	.	120
1.50-1.74	.	.	36	36	.	.	.	.	.	.	72
1.75-1.99	.	.	.	12	.	.	.	.	.	.	12
2.00-2.24	.	.	.	1	.	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	9860	682	61	4	0	0	0	0	0	9925

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.1 NO. OF CASES= 9925.

STATION 001 43.30N 79.65W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3009	31	3	.	.	.	.	.	.	3043
0.25-0.49	.	1868	9	8	1	.	.	.	.	.	1886
0.50-0.74	.	1881	.	2	1	.	.	.	.	.	1884
0.75-0.99	.	366	67	.	.	.	.	.	.	.	433
1.00-1.24	.	3	326	.	.	.	.	.	.	.	329
1.25-1.49	.	.	143	18	.	.	.	.	.	.	161
1.50-1.74	.	.	19	66	.	.	.	.	.	.	85
1.75-1.99	.	.	.	14	.	.	.	.	.	.	14
2.00-2.24	.	.	.	8	.	.	.	.	.	.	8
2.25-2.49	.	.	.	1	1	.	.	.	.	.	2
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	7127	595	120	3	0	0	0	0	0	7342

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.1 NO. OF CASES= 7342.

STATION 001 43.30N 79.65W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4010	62	16	.	.	.	.	.	.	4088
0.25-0.49	.	1456	7	16	3	.	.	.	.	.	1482
0.50-0.74	.	1390	.	.	1	.	.	.	.	.	1391
0.75-0.99	.	340	139	.	.	.	.	.	.	.	479
1.00-1.24	.	.	160	.	.	.	.	.	.	.	160
1.25-1.49	.	.	129	35	.	.	.	.	.	.	164
1.50-1.74	.	.	2	132	.	.	.	.	.	.	134
1.75-1.99	.	.	.	25	.	.	.	.	.	.	25
2.00-2.24	.	.	.	6	.	.	.	.	.	.	6
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	7196	499	230	7	0	0	0	0	0	7422

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.1 NO. OF CASES= 7422.

STATION 001 43.30N 79.65W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

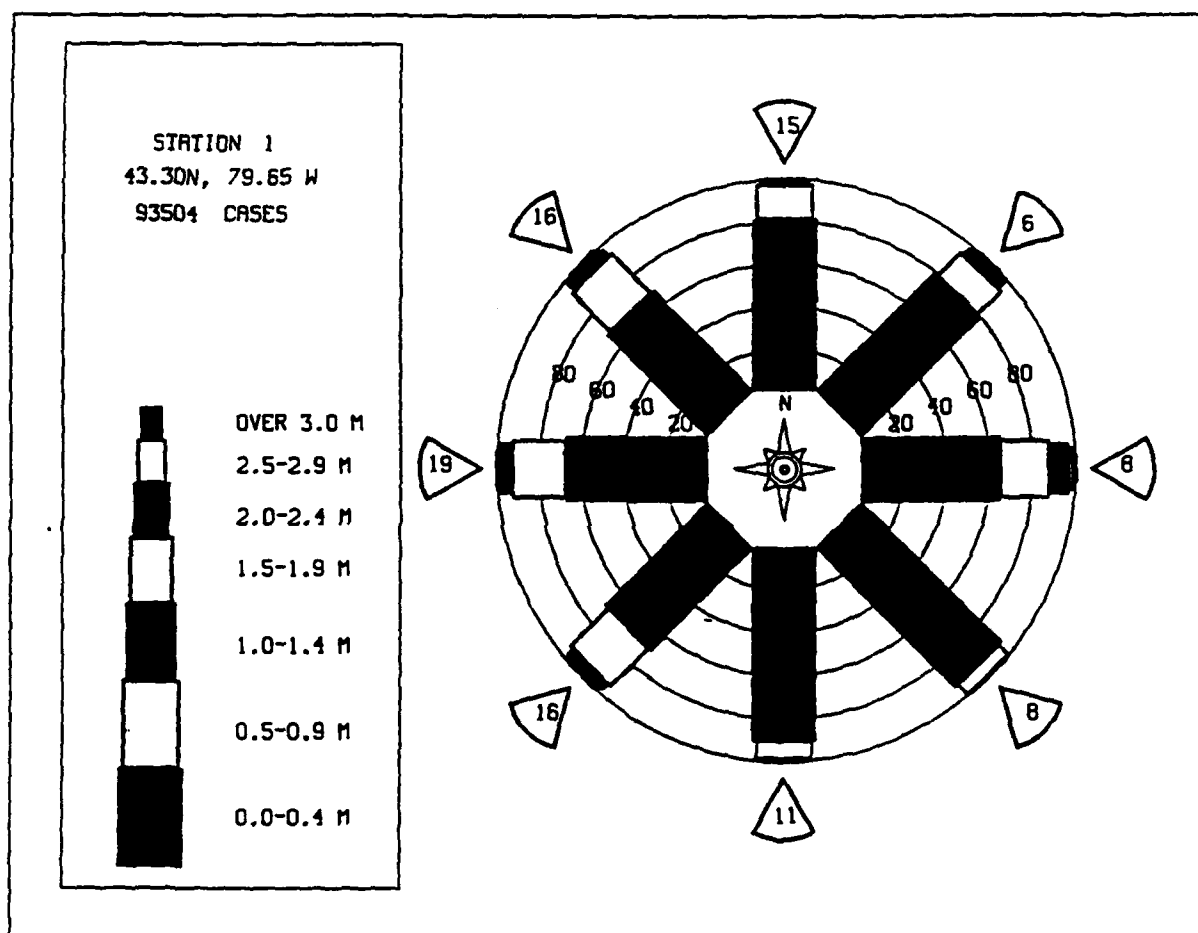
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3998	78	7	.	.	.	.	.	.	4083
0.25-0.49	.	1854	13	28	.	.	.	.	.	.	1895
0.50-0.74	.	1699	.	6	6	.	.	.	.	.	1711
0.75-0.99	.	331	95	.	1	.	.	.	.	.	427
1.00-1.24	.	5	234	.	.	.	.	.	.	.	239
1.25-1.49	.	.	109	34	.	.	.	.	.	.	143
1.50-1.74	.	.	10	91	.	.	.	.	.	.	101
1.75-1.99	.	.	.	20	.	.	.	.	.	.	20
2.00-2.24	.	.	.	11	.	.	.	.	.	.	11
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	7887	539	197	7	0	0	0	0	0	8078

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.1 NO. OF CASES= 8078.

STATION 001 43.30N 79.65W FOR ALL DIRECTIONS  
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	5185	71	13	.	.	.	.	.	.	5269
0.25-0.49	.	2136	29	21	.	.	.	.	.	.	2187
0.50-0.74	.	1566	46	14	.	.	.	.	.	.	1649
0.75-0.99	.	253	111	10	.	.	.	.	.	.	375
1.00-1.24	.	3	245	20	.	.	.	.	.	.	270
1.25-1.49	.	.	86	33	.	.	.	.	.	.	121
1.50-1.74	.	.	11	74	.	.	.	.	.	.	88
1.75-1.99	.	.	.	20	.	.	.	.	.	.	21
2.00-2.24	.	.	.	8	.	.	.	.	.	.	14
2.25-2.49	.	.	.	.	.	.	.	.	.	.	3
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	9143	598	213	23	0	0	0	0	0	93504

MEAN HS(M)= 0.3 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 3.1 TOTAL CASES= 93504.



# MEAN HS(METERS) BY MONTH AND YEAR

WIS STATION 001 (43.30N 79.65W)

## MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1957	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1958	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1959	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1960	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1961	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1962	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1963	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1964	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1965	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1966	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1967	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1968	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1969	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1970	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1971	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1972	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1973	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1974	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1975	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1976	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1977	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1978	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1979	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1980	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1981	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1982	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1983	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1984	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1985	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1986	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
1987	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3
MEAN	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.4	

# LARGEST HS(METERS) BY MONTH AND YEAR

WIS STATION 001 (43.30N 79.65W)

## MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	1.4	1.6	2.2	1.6	1.4	1.4	0.8	0.7	0.8	1.2	2.2	1.5
1957	1.3	1.0	1.5	1.3	1.6	1.4	1.1	0.6	1.1	1.2	2.1	1.5
1958	1.6	1.9	1.2	1.3	1.5	1.5	1.2	1.5	1.0	1.4	1.7	1.5
1959	2.3	1.4	3.1	1.4	1.5	1.5	0.7	1.3	1.3	1.5	1.5	1.7
1960	1.8	1.6	1.4	1.8	0.8	1.5	1.0	1.2	0.9	1.4	1.7	1.5
1961	1.3	2.0	2.2	1.7	1.0	1.7	0.6	1.4	0.9	1.1	1.4	1.4
1962	1.6	1.8	1.4	1.6	1.0	0.9	1.1	1.1	2.0	1.5	2.1	2.3
1963	2.1	1.9	1.7	1.6	1.6	1.6	1.1	1.3	1.7	1.6	2.4	2.0
1964	2.8	2.0	3.1	2.1	2.4	1.3	2.4	1.3	1.7	1.3	1.8	1.6
1965	2.2	2.0	3.1	2.1	1.4	1.4	0.7	1.5	1.6	2.1	1.3	1.3
1966	1.8	1.3	1.5	2.4	1.5	0.8	0.2	1.3	1.3	1.6	2.1	1.6
1967	2.4	1.8	1.5	1.8	1.9	1.1	0.7	0.8	1.2	1.6	2.0	2.0
1968	1.5	1.6	2.2	1.8	2.2	1.3	1.1	1.0	0.8	1.5	2.3	1.9
1969	1.5	1.5	1.5	1.8	1.4	1.3	0.9	1.2	1.4	1.3	1.7	1.8
1970	1.3	1.8	2.0	2.2	1.4	1.4	1.2	0.8	1.3	1.3	1.6	1.6
1971	2.0	2.3	2.0	1.1	1.1	1.3	1.0	1.1	0.8	1.2	1.7	1.8
1972	2.0	2.5	1.9	2.4	1.6	1.9	1.4	1.6	1.4	1.9	2.5	2.1
1973	2.8	1.5	2.2	1.3	1.6	1.1	1.3	1.1	1.1	2.3	1.7	1.7
1974	2.3	1.9	2.0	1.8	1.8	1.7	1.4	1.3	1.1	1.5	1.5	2.9
1975	1.4	2.2	1.7	2.6	2.0	1.1	1.2	1.7	2.2	1.8	1.7	1.7
1976	1.4	1.6	2.0	2.4	2.0	1.1	1.4	0.8	1.4	1.3	1.7	2.2
1977	3.0	1.7	2.4	2.3	1.8	1.3	1.6	0.8	1.3	1.6	2.1	2.8
1978	2.6	1.5	1.8	2.2	2.4	1.1	1.3	1.6	1.2	1.0	2.1	1.8
1979	1.9	1.7	1.6	2.2	1.3	1.3	1.0	1.5	1.3	1.4	2.4	1.9
1980	2.1	1.6	2.0	2.3	1.1	2.1	1.4	0.7	1.7	1.8	1.6	2.2
1981	1.7	1.5	2.1	2.3	1.2	1.3	1.3	0.9	1.6	1.7	1.4	1.3
1982	2.1	1.3	1.8	2.6	0.9	1.0	1.0	1.6	2.2	2.0	1.7	2.2
1983	1.3	1.5	2.1	2.2	1.6	0.8	0.9	1.1	0.8	1.7	1.8	1.8
1984	1.3	3.0	2.2	2.2	1.8	1.2	0.8	1.0	1.0	1.6	1.4	1.7
1985	1.8	2.9	2.5	2.2	1.4	1.4	1.1	0.9	1.1	1.5	2.6	2.0
1986	1.9	2.1	2.1	3.4	1.5	1.2	1.2	1.0	1.0	1.5	1.5	1.8
1987	1.5	1.4	1.8	3.0	1.7	1.2	0.8	0.9	1.2	1.0	1.6	2.0

# 32 YR. STATISTICS FOR WIS STATION 001

MEAN SIGNIFICANT WAVE HEIGHT . . . . . (METERS)	0.3
MEAN PEAK WAVE PERIOD . . . . . (SECONDS)	3.1
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND . . (DEGREES)	270.0
STANDARD DEVIATION OF WAVE HS . . . . . (METERS)	0.3
STANDARD DEVIATION OF WAVE TP . . . . . (SECONDS)	0.4
LARGEST WAVE HS . . . . . (METERS)	3.1
WAVE TP ASSOCIATED WITH LARGEST WAVE HS . . . . . (SECONDS)	7.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS . . (DEGREES)	102.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)	65031803

STATION 002 43.30N 79.45W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3778	75	6	.	.	.	.	.	.	3859
0.25-0.49	.	1531	57	22	1	.	.	.	.	.	1611
0.50-0.74	.	937	22	31	4	.	.	.	.	.	994
0.75-0.99	.	89	235	9	1	.	.	.	.	.	334
1.00-1.24	.	.	163	8	2	.	.	.	.	.	173
1.25-1.49	.	.	4	43	2	.	.	.	.	.	49
1.50-1.74	.	.	.	65	1	.	.	.	.	.	66
1.75-1.99	.	.	.	25	.	.	.	.	.	.	25
2.00-2.24	.	.	.	4	1	.	.	.	.	.	5
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6335	556	213	13	0	0	0	0	0	6665.

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.1 NO. OF CASES= 6665.

STATION 002 43.30N 79.45W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2538	28	5	.	.	.	.	.	.	2571
0.25-0.49	.	608	65	24	.	.	.	.	.	.	697
0.50-0.74	.	314	85	34	3	.	.	.	.	.	436
0.75-0.99	.	24	54	23	2	.	.	.	.	.	103
1.00-1.24	.	.	26	37	6	.	.	.	.	.	69
1.25-1.49	.	.	1	13	7	.	.	.	.	.	21
1.50-1.74	.	.	.	12	5	.	.	.	.	.	17
1.75-1.99	.	.	.	.	4	.	.	.	.	.	4
2.00-2.24	.	.	.	.	6	.	.	.	.	.	6
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	1	3	.	.	.	.	4
2.75-2.99	.	.	.	.	.	1	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3484	259	148	34	4	0	0	0	0	3685.

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 3.2 NO. OF CASES= 3685.

STATION 002 43.30N 79.45W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2146	34	4	.	.	.	.	.	.	2184
0.25-0.49	.	518	66	18	.	.	.	.	.	.	602
0.50-0.74	.	211	119	39	1	.	.	.	.	.	370
0.75-0.99	.	14	68	40	2	.	.	.	.	.	124
1.00-1.24	.	.	27	84	3	.	.	.	.	.	114
1.25-1.49	.	.	1	27	3	.	.	.	.	.	31
1.50-1.74	.	.	.	6	21	.	.	.	.	.	27
1.75-1.99	.	.	.	2	8	.	.	.	.	.	10
2.00-2.24	.	.	.	.	12	2	.	.	.	.	14
2.25-2.49	.	.	.	.	3	.	.	.	.	.	3
2.50-2.74	.	.	.	.	.	2	.	.	.	.	2
2.75-2.99	.	.	.	.	1	3	.	.	.	.	4
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2889	315	220	54	8	0	0	0	0	3271.

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 3.3 NO. OF CASES= 3271.

STATION 002 43.30N 79.45W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1419	31	2	1	.	.	.	.	.	1453
0.25-0.49	.	531	48	12	3	.	.	.	.	.	594
0.50-0.74	.	322	80	41	.	.	.	.	.	.	443
0.75-0.99	.	67	113	33	3	.	.	.	.	.	216
1.00-1.24	.	.	53	53	16	2	.	.	.	.	124
1.25-1.49	.	.	5	22	16	2	.	.	.	.	45
1.50-1.74	.	.	1	17	10	3	1	.	.	.	32
1.75-1.99	.	.	.	6	3	2	.	.	.	.	11
2.00-2.24	.	.	.	2	4	4	.	.	.	.	10
2.25-2.49	.	.	.	.	1	3	.	.	.	.	4
2.50-2.74	.	.	.	.	3	1	2	.	.	.	6
2.75-2.99	.	.	.	.	.	2	.	.	.	.	2
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	1	.	.	.	1
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2339	331	188	60	18	6	0	0	0	2761.

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 3.3 NO. OF CASES= 2761.

STATION 002 43.30N 79.45W AZIMUTH(DEGREES) = 90.0  
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1821	41	3	.	.	.	.	.	.	1865
0.25-0.49	.	882	47	19	2	.	.	.	.	.	950
0.50-0.74	.	685	17	39	2	.	.	.	.	.	743
0.75-0.99	.	228	139	12	8	.	.	.	.	.	387
1.00-1.24	.	.	158	1	23	2	.	.	.	.	184
1.25-1.49	.	.	31	8	5	3	.	.	.	.	52
1.50-1.74	.	.	5	50	5	1	.	.	.	.	66
1.75-1.99	.	.	.	27	1	7	.	.	.	.	36
2.00-2.24	.	.	.	11	.	4	.	.	.	.	19
2.25-2.49	.	.	.	.	1	1	.	.	.	.	2
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3616	438	170	50	24	6	0	0	0	4036

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.3 NO. OF CASES= 4036.

STATION 002 43.30N 79.45W AZIMUTH(DEGREES) = 112.5  
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	2063	35	8	.	.	.	.	.	.	2106
0.25-0.49	.	706	39	17	1	.	.	.	.	.	763
0.50-0.74	.	420	3	10	4	.	.	.	.	.	437
0.75-0.99	.	51	42	1	1	.	1	.	.	.	95
1.00-1.24	.	.	44	.	4	.	.	.	.	.	48
1.25-1.49	.	.	4	6	.	1	.	.	.	.	11
1.50-1.74	.	.	.	6	.	.	.	.	.	.	6
1.75-1.99	.	.	.	2	.	.	.	.	.	.	2
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3240	167	49	11	1	1	0	0	0	3251

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.1 NO. OF CASES= 3251.

STATION 002 43.30N 79.45W AZIMUTH(DEGREES) = 135.0  
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	3339	49	12	1	.	.	.	.	.	3401
0.25-0.49	.	628	25	8	1	.	.	.	.	.	662
0.50-0.74	.	223	2	1	1	.	.	.	.	.	226
0.75-0.99	.	17	3	1	2	1	.	.	.	.	24
1.00-1.24	.	.	.	.	.	.	.	.	.	.	2
1.25-1.49	.	.	2	.	.	.	.	.	.	.	2
1.50-1.74	.	.	.	.	.	1	.	.	.	.	1
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4207	81	23	5	2	0	0	0	0	4043

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.0 NO. OF CASES= 4043.

STATION 002 43.30N 79.45W AZIMUTH(DEGREES) = 157.5  
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	3154	22	14	2	.	.	.	.	.	3192
0.25-0.49	.	605	3	5	.	.	.	.	.	.	613
0.50-0.74	.	186	1	1	2	.	.	.	.	.	189
0.75-0.99	.	10	1	.	.	.	.	.	.	.	11
1.00-1.24	.	.	10	.	.	.	.	.	.	.	10
1.25-1.49	.	.	1	.	.	.	.	.	.	.	1
1.50-1.74	.	.	.	.	.	.	.	.	.	.	0
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3935	37	20	4	0	0	0	0	0	3742

MEAN HS(M) = 0.1 LARGEST HS(M)= 1.3 MEAN TP(SEC)= 3.0 NO. OF CASES= 3742.

STATION 002 43.30N 79.45W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4295	43	11	.	.	.	.	.	.	4349
0.25-0.49	.	1047	4	2	1	.	.	.	.	.	1054
0.50-0.74	.	381	.	1	.	.	.	.	.	.	382
0.75-0.99	.	20	.	.	.	.	.	.	.	.	21
1.00-1.24	.	.	39	.	.	.	.	.	.	.	39
1.25-1.49	.	.	5	.	.	.	.	.	.	.	5
1.50-1.74	.	.	1	3	.	.	.	.	.	.	4
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5743	93	18	1	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.0 NO. OF CASES= 5479.

STATION 002 43.30N 79.45W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	3372	13	5	1	.	.	.	.	.	3391
0.25-0.49	.	1196	3	1	.	.	.	.	.	.	1200
0.50-0.74	.	809	.	.	2	.	.	.	.	.	811
0.75-0.99	.	97	18	.	.	.	.	.	.	.	115
1.00-1.24	.	2	68	1	.	.	.	.	.	.	70
1.25-1.49	.	.	22	8	.	.	.	.	.	.	23
1.50-1.74	.	.	6	8	.	.	.	.	.	.	14
1.75-1.99	.	.	.	3	.	.	.	.	.	.	3
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5476	130	18	3	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.0 NO. OF CASES= 5267.

STATION 002 43.30N 79.45W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4158	33	7	.	.	.	.	.	.	4198
0.25-0.49	.	1736	2	5	2	.	.	.	.	.	1745
0.50-0.74	.	1788	.	.	.	.	.	.	.	.	1788
0.75-0.99	.	305	119	.	.	.	.	.	.	.	424
1.00-1.24	.	1	168	.	.	.	.	.	.	.	169
1.25-1.49	.	.	89	37	.	.	.	.	.	.	126
1.50-1.74	.	.	1	90	.	.	.	.	.	.	91
1.75-1.99	.	.	.	18	.	.	.	.	.	.	18
2.00-2.24	.	.	.	8	.	.	.	.	.	.	8
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	1	.	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	7988	412	165	6	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 3.1 NO. OF CASES= 8022.

STATION 002 43.30N 79.45W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3902	24	3	1	.	.	.	.	.	3930
0.25-0.49	.	2300	5	1	.	.	.	.	.	.	2306
0.50-0.74	.	2472	22	.	1	.	.	.	.	.	2495
0.75-0.99	.	471	471	.	.	.	.	.	.	.	942
1.00-1.24	.	4	520	8	.	.	.	.	.	.	532
1.25-1.49	.	.	144	122	.	.	.	.	.	.	266
1.50-1.74	.	.	3	299	.	.	.	.	.	.	302
1.75-1.99	.	.	.	101	.	.	.	.	.	.	101
2.00-2.24	.	.	.	52	31	.	.	.	.	.	83
2.25-2.49	.	.	.	.	25	.	.	.	.	.	25
2.50-2.74	.	.	.	.	12	.	.	.	.	.	12
2.75-2.99	.	.	.	.	2	.	.	.	.	.	2
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	9149	1189	586	72	0	0	0	0	0	0

MEAN HS(M) = 0.5 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 3.2 NO. OF CASES= 10292.

STATION 002 43.30N 79.45W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4573	31	10	1	.	.	.	.	.	4615
0.25-0.49	.	2234	7	3	.	.	.	.	.	.	2244
0.50-0.74	.	2305	23	1	.	.	.	.	.	.	2329
0.75-0.99	.	368	743	1	.	.	.	.	.	.	1112
1.00-1.24	.	2	644	1	.	.	.	.	.	.	647
1.25-1.49	.	.	47	141	.	.	.	.	.	.	188
1.50-1.74	.	.	.	320	.	.	.	.	.	.	320
1.75-1.99	.	.	.	117	.	.	.	.	.	.	117
2.00-2.24	.	.	.	47	27	.	.	.	.	.	74
2.25-2.49	.	.	.	.	14	.	.	.	.	.	14
2.50-2.74	.	.	.	.	10	.	.	.	.	.	10
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	1	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	1
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	9482	1485	641	52	1	0	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 3.3 NO. OF CASES= 10922.

STATION 002 43.30N 79.45W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	3142	23	7	.	.	.	.	.	.	3172
0.25-0.49	.	1697	12	6	2	.	.	.	.	.	1717
0.50-0.74	.	1750	20	1	.	.	.	.	.	.	1771
0.75-0.99	.	310	361	.	.	.	.	.	.	.	671
1.00-1.24	.	4	455	10	.	.	.	.	.	.	469
1.25-1.49	.	.	84	86	.	.	.	.	.	.	170
1.50-1.74	.	.	.	181	.	.	.	.	.	.	181
1.75-1.99	.	.	.	64	.	.	.	.	.	.	64
2.00-2.24	.	.	.	18	20	.	.	.	.	.	38
2.25-2.49	.	.	.	.	6	.	.	.	.	.	6
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	1	.	.	.	.	.	1
3.00-3.24	.	.	.	.	2	.	.	.	.	.	2
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6903	955	373	32	0	0	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 3.2 NO. OF CASES= 7735.

STATION 002 43.30N 79.45W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	3616	56	5	.	.	.	.	.	.	3677
0.25-0.49	.	1505	7	11	.	.	.	.	.	.	1523
0.50-0.74	.	1538	6	4	4	.	.	.	.	.	1552
0.75-0.99	.	334	131	.	.	.	.	.	.	.	465
1.00-1.24	.	.	294	.	.	.	.	.	.	.	294
1.25-1.49	.	.	113	45	.	.	.	.	.	.	158
1.50-1.74	.	.	.	119	.	.	.	.	.	.	119
1.75-1.99	.	.	.	22	.	.	.	.	.	.	22
2.00-2.24	.	.	.	5	.	.	.	.	.	.	5
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6993	607	211	6	0	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.1 NO. OF CASES= 7319.

STATION 002 43.30N 79.45W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

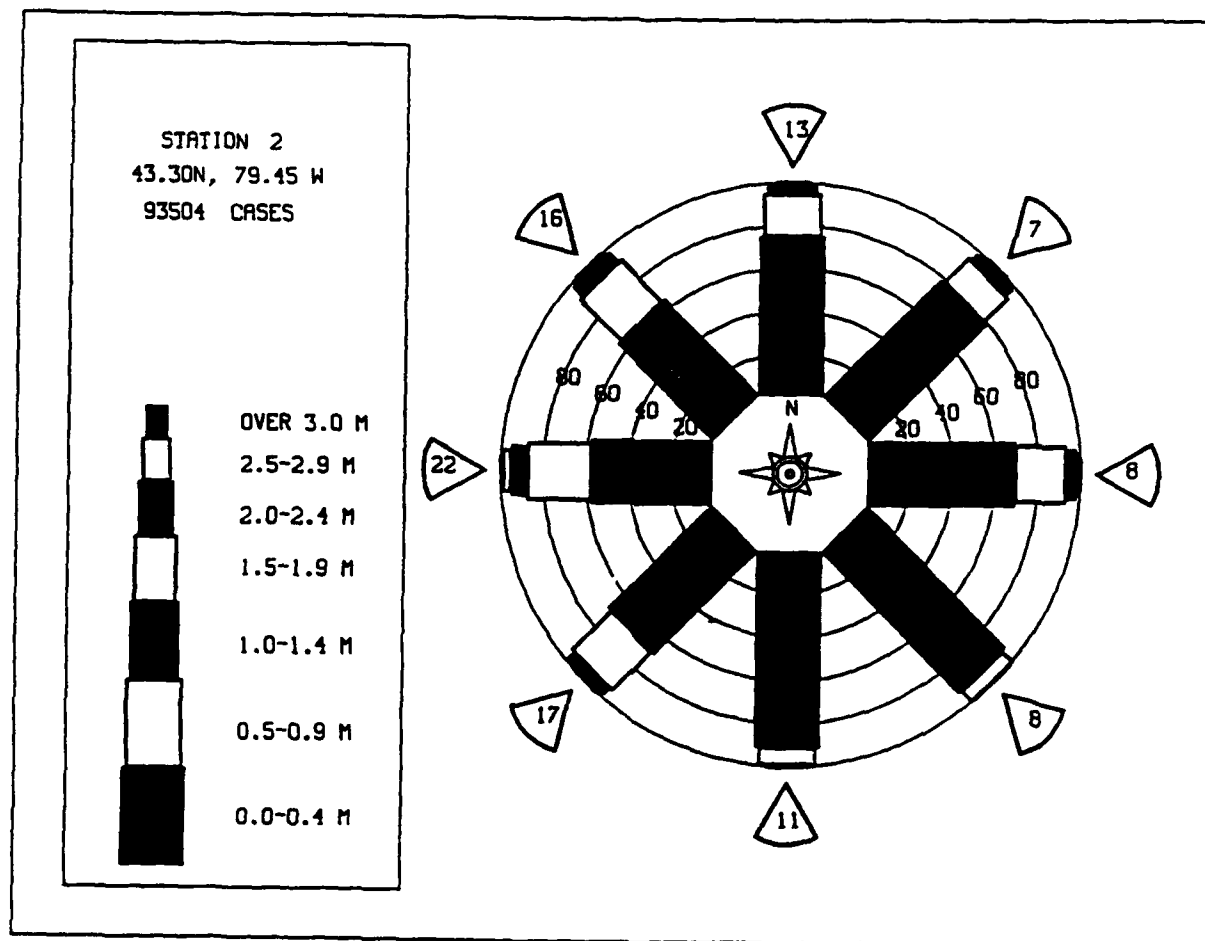
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	3123	32	7	.	.	.	.	.	.	3162
0.25-0.49	.	1556	21	12	1	.	.	.	.	.	1590
0.50-0.74	.	1518	13	6	2	.	.	.	.	.	1537
0.75-0.99	.	275	260	.	.	.	.	.	.	.	535
1.00-1.24	.	.	314	17	.	.	.	.	.	.	331
1.25-1.49	.	.	74	67	.	.	.	.	.	.	141
1.50-1.74	.	.	1	130	.	.	.	.	.	.	131
1.75-1.99	.	.	.	35	.	.	.	.	.	.	35
2.00-2.24	.	.	.	14	10	.	.	.	.	.	24
2.25-2.49	.	.	.	.	4	.	.	.	.	.	4
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6470	715	288	17	0	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.2 NO. OF CASES= 7014.

STATION 002 43.30N 79.45W FOR ALL DIRECTIONS  
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	5044	57	11	.	.	.	.	.	.	5112
0.25-0.49	.	1928	41	17	.	.	.	.	.	.	1987
0.50-0.74	.	1584	41	21	.	.	.	.	.	.	1648
0.75-0.99	.	268	276	12	.	.	.	.	.	.	558
1.00-1.24	.	1	299	22	.	.	.	.	.	.	327
1.25-1.49	.	.	53	62	.	.	.	.	.	.	128
1.50-1.74	.	.	1	131	.	.	.	.	.	.	136
1.75-1.99	.	.	.	42	.	.	.	.	.	.	43
2.00-2.24	.	.	.	16	11	1	.	.	.	.	28
2.25-2.49	.	.	.	.	6	.	.	.	.	.	6
2.50-2.74	.	.	.	.	3	.	.	.	.	.	3
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	8825	778	334	38	1	0	0	0	0	93504

MEAN HS(M)= 0.4 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 3.2 TOTAL CASES= 93504.





# MEAN HS(METERS) BY MONTH AND YEAR

WIS STATION 002 (43.30N 79.45W)

## MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1957	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1958	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1959	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1960	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1961	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1962	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1963	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1964	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1965	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1966	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1967	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1968	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1969	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1970	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1971	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1972	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1973	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1974	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1975	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1976	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1977	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1978	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1979	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1980	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1981	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1982	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1983	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1984	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1985	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1986	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
1987	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
MEAN	0.5	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.3	0.4	0.4	

# LARGEST HS(METERS) BY MONTH AND YEAR

WIS STATION 002 (43.30N 79.45W)

## MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1957	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1958	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1959	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1960	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1961	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1962	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1963	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1964	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1965	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1966	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1967	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1968	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1969	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1970	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1971	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1972	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1973	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1974	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1975	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1976	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1977	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1978	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1979	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1980	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1981	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1982	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1983	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1984	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1985	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1986	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	
1987	1.6	2.2	2.3	1.6	1.9	1.4	0.8	0.8	0.9	1.6	2.1	1.4	

# 32 YR. STATISTICS FOR WIS STATION 002

MEAN SIGNIFICANT WAVE HEIGHT	(METERS)	0.4
MEAN PEAK WAVE PERIOD	(SECONDS)	3.2
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND	(DEGREES)	270.0
STANDARD DEVIATION OF WAVE HS	(METERS)	0.4
STANDARD DEVIATION OF WAVE TP	(SECONDS)	0.5
LARGEST WAVE HS	(METERS)	3.4
WAVE TP ASSOCIATED WITH LARGEST WAVE HS	(SECONDS)	7.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS	(DEGREES)	274.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		79040618

STATION 003 43.30N 79.25W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1817	27	7	1	.	.	.	.	.	1852
0.25-0.49	.	1010	21	8	.	.	.	.	.	.	1039
0.50-0.74	.	534	192	13	3	.	.	.	.	.	742
0.75-0.99	.	17	181	16	3	.	.	.	.	.	217
1.00-1.24	.	1	127	70	1	.	.	.	.	.	198
1.25-1.49	.	.	1	62	1	.	.	.	.	.	64
1.50-1.74	.	.	.	43	2	.	.	.	.	.	45
1.75-1.99	.	.	.	5	10	.	.	.	.	.	15
2.00-2.24	.	.	.	1	26	.	.	.	.	.	27
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3379	549	225	48	0	0	0	0	0	
MEAN HS(M) = 0.4	LARGEST HS(M)= 2.3		MEAN TP(SEC)= 3.3		NO. OF CASES= 3938.						

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.3 NO. OF CASES= 3938.

STATION 003 43.30N 79.25W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24	.	2091	51	3	.	.	.	.	.	.	2145
0.25-0.49	.	721	28	17	.	.	.	.	.	.	766
0.50-0.74	.	284	124	20	2	.	.	.	.	.	430
0.75-0.99	.	10	89	20	4	.	.	.	.	.	123
1.00-1.24	.	1	33	45	5	.	.	.	.	.	84
1.25-1.49	.	.	1	18	5	.	.	.	.	.	24
1.50-1.74	.	.	.	8	8	.	.	.	.	.	16
1.75-1.99	.	.	.	3	3	.	.	.	.	.	6
2.00-2.24	.	.	.	.	3	.	.	.	.	.	3
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	3	.	.	.	.	3
2.75-2.99	.	.	.	.	.	1	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3107	326	134	31	4	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.2 NO. OF CASES= 3378.

STATION 003 43.30N 79.25W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)	PEAK PERIOD (SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2688	33	4	.	.	.	.	.	.	2725
0.25-0.49	.	648	65	21	.	.	.	.	.	.	734
0.50-0.74	.	231	95	37	3	.	.	.	.	.	366
0.75-0.99	.	11	91	27	.	.	.	.	.	.	129
1.00-1.24	.	.	34	78	.	.	.	.	.	.	112
1.25-1.49	.	.	.	27	2	.	.	.	.	.	29
1.50-1.74	.	.	.	14	24	.	.	.	.	.	38
1.75-1.99	.	.	.	1	5	1	.	.	.	.	7
2.00-2.24	.	.	.	1	10	1	.	.	.	.	12
2.25-2.49	.	.	.	.	5	2	.	.	.	.	7
2.50-2.74	.	.	.	.	.	4	.	.	.	.	4
2.75-2.99	.	.	.	.	.	2	.	.	.	.	2
3.00-3.24	.	.	.	.	.	2	1	.	.	.	3
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	1	.	.	.	1
TOTAL	0	3578	318	210	49	12	2	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 4.0 MEAN TP(SEC)= 3.2 NO. OF CASES= 3908.

STATION 003 43.30N 79.25W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)	PEAK PERIOD (SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2030	29	7	.	.	.	.	.	.	2066
0.25-0.49	.	650	54	22	1	.	.	.	.	.	727
0.50-0.74	.	334	54	64	4	.	.	.	.	.	456
0.75-0.99	.	23	65	38	18	1	.	.	.	.	145
1.00-1.24	.	1	32	35	17	3	1	.	.	.	89
1.25-1.49	.	.	1	14	1	.	1	.	.	.	21
1.50-1.74	.	.	2	5	9	.	.	.	.	.	16
1.75-1.99	.	.	.	3	4	2	.	.	.	.	9
2.00-2.24	.	.	.	.	3	2	1	.	.	.	6
2.25-2.49	.	.	.	.	1	1	.	.	.	.	2
2.50-2.74	.	.	.	.	.	2	.	.	.	.	2
2.75-2.99	.	.	.	.	.	.	1	.	.	.	0
3.00-3.24	.	.	.	.	.	.	1	.	.	.	1
3.25-3.49	.	.	.	.	.	.	1	.	.	.	1
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3038	237	188	61	12	5	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 3.3 NO. OF CASES= 3322.

STATION 003 43.30N 79.25W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2922	36	4	.	.	.	.	.	.	2962
0.25-0.49	.	1088	64	23	.	.	.	.	.	.	1175
0.50-0.74	.	583	34	74	17	.	.	.	.	.	708
0.75-0.99	.	63	5	36	40	3	.	.	.	.	147
1.00-1.24	.	3	34	.	41	12	.	.	.	.	90
1.25-1.49	.	.	10	.	8	9	.	.	.	.	27
1.50-1.74	.	.	3	.	2	8	2	.	.	.	15
1.75-1.99	.	.	.	.	.	2	1	.	.	.	3
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4658	186	137	108	34	3	0	0	0	
MEAN HS(M) = 0.3	LARGEST HS(M)=		1.9	MEAN TP(SEC)=		3.2	NO. OF CASES=		4805.		

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.2 NO. OF CASES= 4805.

STATION 003 43.30N 79.25W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2378	38	7	2	.	.	.	.	.	2425
0.25-0.49	.	586	29	16	1	.	.	.	.	.	632
0.50-0.74	.	248	3	20	8	.	1	.	.	.	280
0.75-0.99	.	21	.	1	9	1	.	.	.	.	32
1.00-1.24	.	.	11	.	4	3	1	.	.	.	19
1.25-1.49	.	.	4	.	.	1	.	.	.	.	5
1.50-1.74	.	.	.	.	.	.	.	.	.	.	0
1.75-1.99	.	.	1	.	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3233	86	44	24	5	2	0	0	0	

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.1 NO. OF CASES= 3180.

STATION 003 43.30N 79.25W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)	PEAK PERIOD (SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2896	63	12	1	.	.	.	.	.	2972
0.25-0.49	.	452	17	16	3	.	.	.	.	.	488
0.50-0.74	.	248	.	4	1	.	.	.	.	.	253
0.75-0.99	.	13	3	.	1	1	.	.	.	.	18
1.00-1.24	.	.	.	.	.	.	.	.	.	.	0
1.25-1.49	.	.	1	.	.	1	.	.	.	.	2
1.50-1.74	.	.	.	.	.	.	.	.	.	.	0
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3609	84	32	6	2	0	0	0	0	

MEAN HS(M) = 0.1 LARGEST HS(M)= 1.3 MEAN TP(SEC)= 3.0 NO. OF CASES= 3494.

STATION 003 43.30N 79.25W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)	PEAK PERIOD (SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2545	34	11	2	.	.	.	.	.	2592
0.25-0.49	.	568	3	5	.	.	.	.	.	.	576
0.50-0.74	.	264	1	.	.	.	.	.	.	.	265
0.75-0.99	.	17	.	.	.	.	.	.	.	.	17
1.00-1.24	.	.	6	.	.	.	.	.	.	.	6
1.25-1.49	.	.	1	.	.	.	.	.	.	.	1
1.50-1.74	.	.	1	.	.	.	.	.	.	.	2
1.75-1.99	.	.	.	.	.	.	.	.	.	.	4
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3384	46	18	2	0	0	0	0	0	3237.

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.0 NO. OF CASES= 3237.

STATION 003 43.30N 79.25W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4320	31	19	2	.	.	.	.	.	4372
0.25-0.49	.	1119	4	5	.	.	.	.	.	.	1128
0.50-0.74	.	437	.	1	.	1	.	.	.	.	439
0.75-0.99	.	33	1	.	.	1	.	.	.	.	34
1.00-1.24	.	.	53	.	.	.	.	.	.	.	53
1.25-1.49	.	.	.	.	.	.	.	.	.	.	5
1.50-1.74	.	.	3	4	.	.	.	.	.	.	7
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5909	97	29	2	1	0	0	0	0	6560
MEAN HS(M) = 0.2	LARGEST HS(M)=		1.6	MEAN TP(SEC)=		3.0	NO. OF CASES=		5650.		

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.0 NO. OF CASES= 5650.

STATION 003 43.30N 79.25W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4292	26	5	.	.	.	.	.	.	4323
0.25-0.49	.	1500	1	2	1	.	.	.	.	.	1504
0.50-0.74	.	1022	.	1	2	.	.	.	.	.	1025
0.75-0.99	.	94	16	.	.	.	.	.	.	.	110
1.00-1.24	.	.	100	.	.	.	.	.	.	.	100
1.25-1.49	.	.	21	4	.	.	.	.	.	.	25
1.50-1.74	.	.	2	17	.	.	.	.	.	.	19
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6908	166	30	3	0	0	0	0	0	

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.0 NO. OF CASES= 6650.

STATION 003 43.30N 79.25W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)	PEAK PERIOD (SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4945	39	13	.	.	.	.	.	.	4997
0.25-0.49	.	1827	4	5	.	.	.	.	.	.	1836
0.50-0.74	.	1954	5	.	.	.	.	.	.	.	1959
0.75-0.99	.	347	120	1	.	.	.	.	.	.	468
1.00-1.24	.	3	187	1	.	.	.	.	.	.	191
1.25-1.49	.	.	94	22	.	.	.	.	.	.	116
1.50-1.74	.	.	2	88	.	.	.	.	.	.	90
1.75-1.99	.	.	.	17	.	.	.	.	.	.	17
2.00-2.24	.	.	.	7	.	.	.	.	.	.	7
2.25-2.49	.	.	.	2	.	.	.	.	.	.	2
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	9076	451	156	0	0	0	0	0	0	9062

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.1 NO. OF CASES= 9062.

STATION 003 43.30N 79.25W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24	.	4263	16	7	1	.	.	.	.	.	4287
0.25-0.49	.	2474	3	3	1	.	.	.	.	.	2481
0.50-0.74	.	2760	165	.	.	.	.	.	.	.	2925
0.75-0.99	.	444	582	4	.	.	.	.	.	.	1030
1.00-1.24	.	3	651	86	.	.	.	.	.	.	740
1.25-1.49	.	.	181	191	.	.	.	.	.	.	372
1.50-1.74	.	.	5	373	1	.	.	.	.	.	379
1.75-1.99	.	.	.	117	17	.	.	.	.	.	134
2.00-2.24	.	.	.	48	75	.	.	.	.	.	123
2.25-2.49	.	.	.	.	49	.	.	.	.	.	49
2.50-2.74	.	.	.	.	38	.	.	.	.	.	38
2.75-2.99	.	.	.	.	11	.	.	.	.	.	12
3.00-3.24	.	.	.	.	2	8	.	.	.	.	10
3.25-3.49	.	.	.	.	.	1	.	.	.	.	1
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	9944	1603	829	195	10	0	0	0	0	11776

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 3.3 NO. OF CASES= 11776.

STATION 003 43.30N 79.25W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4547	28	4	.	.	.	.	.	.	4579
0.25-0.49	.	2433	3	1	1	.	.	.	.	.	2440
0.50-0.74	.	1742	622	27	.	.	.	.	.	.	2365
0.75-0.99	.	114	1988	257	.	.	.	.	.	.	1139
1.00-1.24	.	1	1099	389	.	.	.	.	.	.	1357
1.25-1.49	.	.	25	343	.	.	.	.	.	.	414
1.50-1.74	.	.	.	121	522	.	.	.	.	.	345
1.75-1.99	.	.	.	5	221	.	.	.	.	.	173
2.00-2.24	.	.	.	.	90	.	.	.	.	.	226
2.25-2.49	.	.	.	.	53	.	.	.	.	.	90
2.50-2.74	.	.	.	.	16	.	.	.	.	.	53
2.75-2.99	.	.	.	.	.	1	.	.	.	.	17
3.00-3.24	.	.	.	.	.	3	.	.	.	.	7
3.25-3.49	.	.	.	.	.	1	.	.	.	.	3
3.50+	.	.	.	.	.	.	.	.	.	.	1
TOTAL	0	8837	2775	1150	435	12	0	0	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 3.5 NO. OF CASES= 12362.

STATION 003 43.30N 79.25W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2772	24	3	.	.	.	.	.	.	2799
0.25-0.49	.	1920	10	4	1	.	.	.	.	.	1935
0.50-0.74	.	1220	373	2	2	.	.	.	.	.	1597
0.75-0.99	.	42	507	26	.	.	.	.	.	.	575
1.00-1.24	.	3	529	165	.	.	.	.	.	.	697
1.25-1.49	.	.	6	196	.	.	.	.	.	.	202
1.50-1.74	.	.	.	178	3	.	.	.	.	.	181
1.75-1.99	.	.	.	55	25	.	.	.	.	.	80
2.00-2.24	.	.	.	1	91	.	.	.	.	.	92
2.25-2.49	.	.	.	.	33	.	.	.	.	.	33
2.50-2.74	.	.	.	.	22	.	.	.	.	.	22
2.75-2.99	.	.	.	.	2	1	.	.	.	.	3
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	1	.	.	.	.	1
3.50+	.	.	.	.	.	2	.	.	.	.	2
TOTAL	0	5957	1449	630	179	5	0	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 3.4 NO. OF CASES= 7698.

STATION 003 43.30N 79.25W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2227	12	7	.	.	.	.	.	.	2246
0.25-0.49	.	1623	10	6	.	.	.	.	.	.	1639
0.50-0.74	.	1004	244	1	1	.	.	.	.	.	1249
0.75-0.99	.	42	372	11	.	.	.	.	.	.	425
1.00-1.24	.	.	397	99	.	.	.	.	.	.	496
1.25-1.49	.	.	6	150	.	.	.	.	.	.	156
1.50-1.74	.	.	.	128	1	.	.	.	.	.	129
1.75-1.99	.	.	.	37	36	.	.	.	.	.	73
2.00-2.24	.	.	.	.	69	.	.	.	.	.	69
2.25-2.49	.	.	.	.	31	.	.	.	.	.	31
2.50-2.74	.	.	.	.	12	.	.	.	.	.	12
2.75-2.99	.	.	.	.	2	.	.	.	.	.	2
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4896	1041	438	152	1	0	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 3.4 NO. OF CASES= 6115.

STATION 003 43.30N 79.25W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

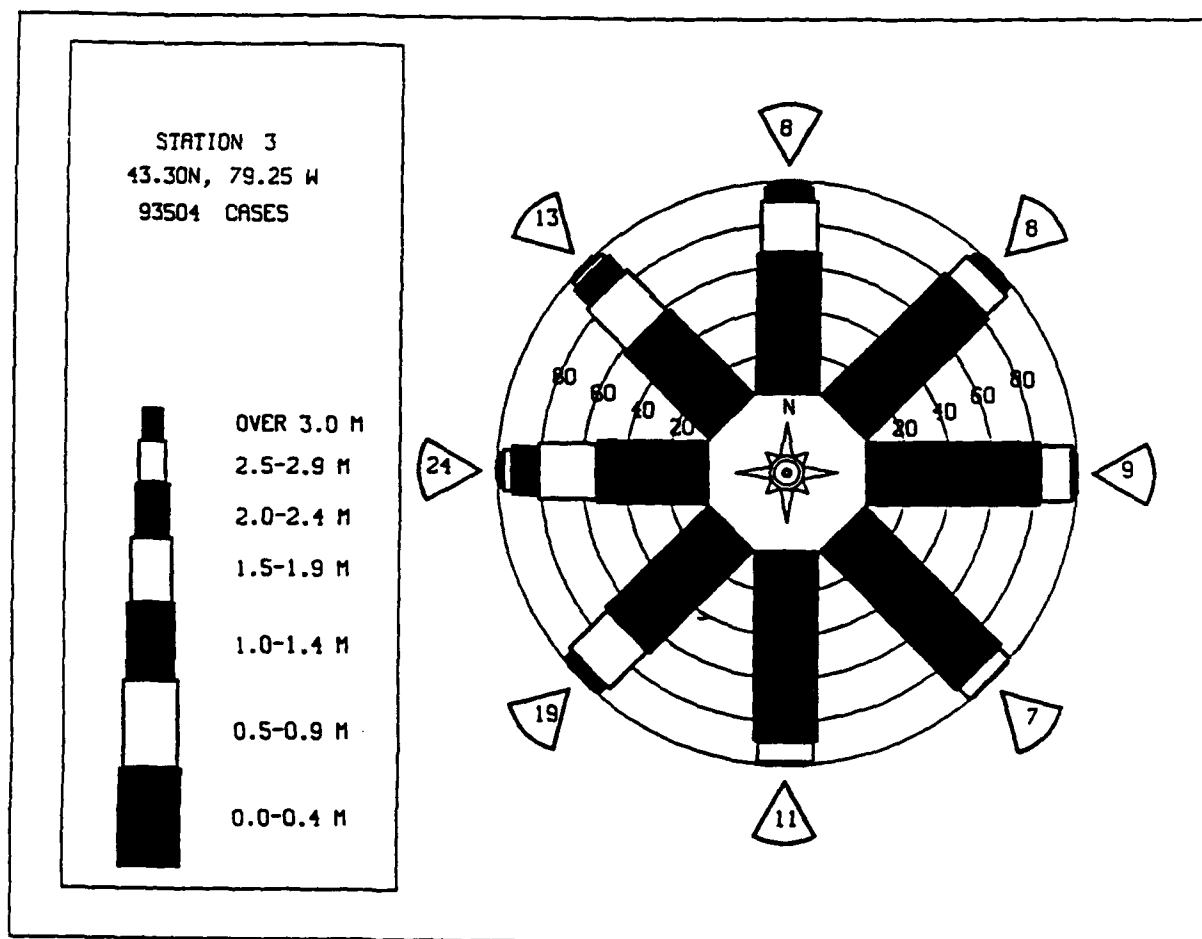
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1460	16	.	.	.	.	.	.	.	1476
0.25-0.49	.	1218	12	8	.	.	.	.	.	.	1238
0.50-0.74	.	930	316	5	1	.	.	.	.	.	1252
0.75-0.99	.	33	366	23	.	.	.	.	.	.	422
1.00-1.24	.	.	325	151	.	.	.	.	.	.	446
1.25-1.49	.	.	8	154	.	.	.	.	.	.	172
1.50-1.74	.	.	.	108	5	.	.	.	.	.	113
1.75-1.99	.	.	.	38	25	.	.	.	.	.	63
2.00-2.24	.	.	.	1	50	.	.	.	.	.	51
2.25-2.49	.	.	.	.	20	.	.	.	.	.	20
2.50-2.74	.	.	.	.	7	.	.	.	.	.	7
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3641	1043	468	108	1	0	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 3.4 NO. OF CASES= 4929.

STATION 003 43.30N 79.25W FOR ALL DIRECTIONS  
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4820	51	11	.	.	.	.	.	.	4882
0.25-0.49	.	1984	33	16	.	.	.	.	.	.	2033
0.50-0.74	.	1380	223	24	4	.	.	.	.	.	1631
0.75-0.99	.	133	340	23	7	.	.	.	.	.	503
1.00-1.24	.	1	362	96	6	1	.	.	.	.	466
1.25-1.49	.	.	37	124	2	1	.	.	.	.	164
1.50-1.74	.	.	1	131	5	.	.	.	.	.	137
1.75-1.99	.	.	.	40	1	.	.	.	.	.	58
2.00-2.24	.	.	.	6	55	.	.	.	.	.	61
2.25-2.49	.	.	.	.	23	.	.	.	.	.	23
2.50-2.74	.	.	.	.	13	.	.	.	.	.	13
2.75-2.99	.	.	.	.	3	.	.	.	.	.	3
3.00-3.24	.	.	.	.	.	2	.	.	.	.	2
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	8318	1047	471	136	4	0	0	0	0	93504

MEAN HS(M)= 0.4 LARGEST HS(M)= 4.0 MEAN TP(SEC)= 3.2 TOTAL CASES= 93504.



MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 003 (43.30N 79.25W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1957	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1958	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1959	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1960	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1961	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1962	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1963	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1964	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1965	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1966	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1967	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1968	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1969	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1970	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1971	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1972	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1973	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1974	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1975	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1976	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1977	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1978	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1979	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1980	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1981	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1982	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1983	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1984	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1985	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1986	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1987	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
MEAN	0.6	0.5	0.5	0.5	0.3	0.3	0.2	0.2	0.3	0.3	0.4	0.5	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 003 (43.30N 79.25W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.9	2.7	2.8	1.6	2.2	1.5	1.0	1.0	1.0	1.6	2.1	1.3	
1957	1.8	2.2	1.5	1.9	1.3	2.4	1.4	0.9	1.5	1.0	1.9	1.3	
1958	1.5	2.3	1.5	1.3	1.8	1.9	1.4	1.0	1.1	1.9	2.1	2.0	
1959	3.0	1.8	2.8	1.6	1.1	1.6	0.8	1.1	1.2	2.1	2.0	1.9	
1960	2.0	2.3	1.6	2.2	1.1	1.5	1.4	1.3	1.1	1.9	1.7	1.1	
1961	1.7	2.4	1.9	1.7	1.7	1.4	0.9	1.3	1.2	1.5	2.0	2.0	
1962	2.0	2.3	1.5	2.0	1.9	1.2	1.8	1.3	1.7	1.5	2.0	2.0	
1963	2.6	2.3	2.2	3.3	1.9	1.2	1.8	2.1	2.0	2.2	2.3	2.3	
1964	2.8	2.0	2.8	2.0	3.3	1.7	1.4	1.2	1.6	1.5	1.9	1.1	
1965	2.1	2.4	1.9	2.3	1.5	1.7	0.9	2.1	1.3	2.4	2.3	1.8	
1966	2.6	2.2	2.4	1.8	1.7	1.3	1.8	1.4	1.6	2.4	1.8	1.1	
1967	2.3	3.1	1.9	2.7	2.0	1.8	1.4	1.0	1.5	2.2	2.1	1.7	
1968	2.1	2.6	1.9	2.2	1.5	1.7	1.3	1.9	1.8	1.7	2.6	3.3	
1969	2.1	2.4	2.2	2.4	2.0	1.5	1.6	1.5	2.2	2.2	2.5	2.4	
1970	1.2	2.4	2.8	2.3	1.9	1.6	1.3	1.1	2.2	1.3	2.1	1.7	
1971	2.7	3.1	2.8	2.0	1.2	1.4	1.5	1.7	1.0	2.1	2.2	3.0	
1972	3.0	3.2	2.4	1.9	2.0	2.0	2.0	2.1	1.6	2.1	2.8	2.7	
1973	2.8	2.2	2.6	1.9	2.1	1.6	1.7	1.7	1.9	2.5	2.8	2.3	
1974	3.5	3.0	2.8	3.0	2.2	2.1	1.7	1.6	2.3	2.3	2.2	4.0	
1975	3.0	3.2	2.3	2.7	1.5	1.4	1.6	1.0	1.5	2.2	2.8	2.7	
1976	2.0	2.6	3.0	3.2	2.3	1.6	1.7	1.0	1.9	2.0	2.1	2.4	
1977	3.1	2.6	3.3	2.4	2.4	1.9	2.3	1.0	1.2	2.1	2.1	3.0	
1978	2.7	2.2	2.3	2.4	1.8	1.5	1.1	1.4	1.5	1.3	2.0	2.5	
1979	2.6	2.6	2.3	1.3	1.3	1.5	1.0	2.0	2.3	1.7	2.6	2.3	
1980	3.0	2.1	2.7	2.2	1.8	2.5	1.4	1.1	2.1	3.0	1.9	2.7	
1981	2.2	2.1	2.2	2.9	1.3	2.1	1.3	1.1	2.1	2.1	2.2	1.5	
1982	3.1	2.0	2.6	2.8	0.8	1.0	1.4	1.7	1.8	2.2	2.1	2.8	
1983	2.1	1.8	1.8	1.7	1.6	1.1	1.1	1.6	1.2	2.3	2.4	2.5	
1984	2.0	2.7	2.8	2.2	2.4	1.2	1.1	1.2	1.4	2.0	1.9	2.3	
1985	2.8	2.3	2.7	1.8	2.2	1.4	1.4	1.1	1.3	1.7	2.2	2.6	
1986	2.4	1.8	2.9	1.4	2.3	1.3	1.1	1.2	1.5	1.9	2.4	2.4	
1987	2.5	2.0	2.1	3.1	2.2	1.8	1.1	1.2	1.7	1.6	2.2	2.6	

32 YR. STATISTICS FOR WIS STATION 003

MEAN SIGNIFICANT WAVE HEIGHT	(METERS)	0.4
MEAN PEAK WAVE PERIOD	(SECONDS)	3.2
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND	(DEGREES)	270.0
STANDARD DEVIATION OF WAVE HS	(METERS)	0.4
STANDARD DEVIATION OF WAVE TP	(SECONDS)	0.6
LARGEST WAVE HS	(METERS)	4.0
WAVE TP ASSOCIATED WITH LARGEST WAVE HS	(SECONDS)	9.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS	(DEGREES)	56.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		74120200

STATION 004 43.45N 79.05W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1782	7	.	.	.	.	.	.	.	1789
0.25-0.49	.	961	34	3	.	.	.	.	.	.	998
0.50-0.74	.	513	175	41	1	.	.	.	.	.	730
0.75-0.99	.	16	166	14	3	.	.	.	.	.	199
1.00-1.24	.	1	127	32	3	.	.	.	.	.	183
1.25-1.49	.	.	.	36	1	.	.	.	.	.	57
1.50-1.74	.	.	.	36	7	.	.	.	.	.	57
1.75-1.99	.	.	.	8	1	.	.	.	.	.	16
2.00-2.24	.	.	.	.	23	1	.	.	.	.	24
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3273	509	210	40	2	0	0	0	0	
MEAN HS(M) = 0.4	LARGEST HS(M)= 2.3		MEAN TP(SEC)= 3.3		NO. OF CASES= 3781.						

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.3 NO. OF CASES= 3781.

STATION 004 43.45N 79.05W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1973	9	.	.	.	.	.	.	.	1982
0.25-0.49	.	719	52	1	.	.	.	.	.	.	772
0.50-0.74	.	269	141	53	.	.	.	.	.	.	463
0.75-0.99	.	7	81	29	3	.	.	.	.	.	120
1.00-1.24	.	.	29	37	8	.	.	.	.	.	74
1.25-1.49	.	.	1	14	10	1	.	.	.	.	26
1.50-1.74	.	.	.	7	6	1	.	.	.	.	14
1.75-1.99	.	.	.	2	3	.	.	.	.	.	5
2.00-2.24	.	.	.	1	3	1	.	.	.	.	5
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2968	313	144	36	3	0	0	0	0	
MEAN HS(M) = 0.3	LARGEST HS(M)=		2.6	MEAN TP(SEC)=		3.2	NO. OF CASES=		3249.		

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.2 NO. OF CASES= 3249.

STATION 004 43.45N 79.05W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)	PEAK PERIOD (SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2455	9	.	.	.	.	.	.	.	2464
0.25-0.49	.	659	51	2	.	.	.	.	.	.	712
0.50-0.74	.	224	208	63	.	.	.	.	.	.	495
0.75-0.99	.	10	68	74	1	.	.	.	.	.	153
1.00-1.24	.	.	24	80	11	.	.	.	.	.	115
1.25-1.49	.	.	.	51	3	1	.	.	.	.	55
1.50-1.74	.	.	.	22	16	1	.	.	.	.	39
1.75-1.99	.	.	.	.	6	5	.	.	.	.	11
2.00-2.24	.	.	.	.	17	2	.	.	.	.	19
2.25-2.49	.	.	.	.	5	2	.	.	.	.	7
2.50-2.74	.	.	.	.	1	1	.	.	.	.	2
2.75-2.99	.	.	.	.	.	1	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3348	360	292	60	13	0	0	0	0	
MEAN HS(M) = 0.3	LARGEST HS(M) = 2.8		MEAN TP(SEC) = 3.3		NO. OF CASES = 3818.						

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.3 NO. OF CASES= 3818.

STATION 004 43.45N 79.05W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1881	1	.	.	.	.	.	.	.	1882
0.25-0.49	.	706	26	4	.	.	.	.	.	.	736
0.50-0.74	.	313	241	51	.	.	.	.	.	.	605
0.75-0.99	.	17	136	102	2	.	.	.	.	.	257
1.00-1.24	.	.	60	152	12	.	.	.	.	.	224
1.25-1.49	.	.	.	47	12	.	.	.	.	.	68
1.50-1.74	.	.	.	17	37	1	.	.	.	.	55
1.75-1.99	.	.	.	5	9	2	.	.	.	.	16
2.00-2.24	.	.	.	.	12	4	.	.	.	.	16
2.25-2.49	.	.	.	.	5	.	.	.	.	.	5
2.50-2.74	.	.	.	.	3	8	1	.	.	.	12
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	4	.	.	.	.	4
3.25-3.49	.	.	.	.	.	.	2	.	.	.	2
3.50+	.	.	.	.	.	.	1	.	.	.	1
TOTAL	0	2917	464	378	101	19	4	0	0	0	
MEAN HS(M) = 0.4      LARGEST HS(M) = 3.5      MEAN TP(SEC) = 3.4      NO. OF CASES = 3643.											

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 3.4 NO. OF CASES= 3643.



STATION 004 43.45N 79.05W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2696	5	.	.	.	.	.	.	.	2701
0.25-0.49	.	973	43	.	.	.	.	.	.	.	1016
0.50-0.74	.	451	229	43	.	.	.	.	.	.	723
0.75-0.99	.	38	132	88	1	.	.	.	.	.	259
1.00-1.24	.	.	101	129	10	.	.	.	.	.	240
1.25-1.49	.	.	4	45	24	.	.	.	.	.	73
1.50-1.74	.	.	.	26	28	.	.	.	.	.	54
1.75-1.99	.	.	.	5	18	2	.	.	.	.	25
2.00-2.24	.	.	.	.	29	2	.	.	.	.	31
2.25-2.49	.	.	.	.	5	1	.	.	.	.	7
2.50-2.74	.	.	.	.	6	3	1	.	.	.	10
2.75-2.99	.	.	.	.	1	4	.	.	.	.	5
3.00-3.24	.	.	.	.	.	1	1	.	.	.	2
3.25-3.49	.	.	.	.	.	.	3	.	.	.	3
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4158	514	336	122	13	6	0	0	0	0
MEAN HS(M) = 0.4	LARGEST HS(M)=		3.4	MEAN TP(SEC)=		3.3	NO. OF CASES=		4828.		

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 3.3 NO. OF CASES= 4828.

STATION 004 43.45N 79.05W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2208	1	.	.	.	.	.	.	.	2209
0.25-0.49	.	552	37	1	.	.	.	.	.	.	590
0.50-0.74	.	212	81	34	.	.	.	.	.	.	327
0.75-0.99	.	13	28	26	5	.	.	.	.	.	72
1.00-1.24	.	.	20	24	10	.	.	.	.	.	54
1.25-1.49	.	.	.	6	3	2	.	.	.	.	11
1.50-1.74	.	.	.	6	2	1	.	.	.	.	9
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2985	167	97	23	3	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.1 NO. OF CASES= 3071.

STATION 004 43.45N 79.05W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)	PEAK PERIOD (SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2783	8	2	.	.	.	.	.	.	2793
0.25-0.49	.	570	58	3	.	.	.	.	.	.	631
0.50-0.74	.	260	49	40	1	.	.	.	.	.	350
0.75-0.99	.	23	7	24	5	.	.	.	.	.	59
1.00-1.24	.	1	2	7	10	.	.	.	.	.	20
1.25-1.49	.	.	1	1	1	.	.	.	.	.	3
1.50-1.74	.	.	.	1	.	.	.	.	.	.	1
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	1	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3637	125	79	17	1	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 3.1 NO. OF CASES= 3616.

STATION 004 43.45N 79.05W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2431	8	1	.	.	.	.	.	.	2440
0.25-0.49	.	736	47	6	.	.	.	.	.	.	789
0.50-0.74	.	286	14	21	.	.	.	.	.	.	321
0.75-0.99	.	32	2	8	2	.	.	.	.	.	44
1.00-1.24	.	1	11	2	1	.	.	.	.	.	15
1.25-1.49	.	.	2	.	.	.	.	.	.	.	2
1.50-1.74	.	.	.	.	.	.	.	.	.	.	0
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3486	84	38	3	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.3 MEAN TP(SEC)= 3.0 NO. OF CASES= 3383.

STATION 004 43.45N 79.05W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4009	13	.	.	.	.	.	.	.	4022
0.25-0.49	.	1004	38	7	.	.	.	.	.	.	1049
0.50-0.74	.	368	13	22	2	.	.	.	.	.	405
0.75-0.99	.	29	2	3	.	.	.	.	.	.	34
1.00-1.24	.	1	50	.	2	.	.	.	.	.	53
1.25-1.49	.	.	4	.	.	.	.	.	.	.	4
1.50-1.74	.	.	3	4	.	.	.	.	.	.	7
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5411	123	36	4	0	0	0	0	0	

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.0 NO. OF CASES= 5219.

STATION 004 43.45N 79.05W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4206	11	2	.	.	.	.	.	.	4219
0.25-0.49	.	1480	23	4	.	.	.	.	.	.	1517
0.50-0.74	.	887	54	8	2	.	.	.	.	.	961
0.75-0.99	.	82	72	8	3	.	.	.	.	.	165
1.00-1.24	.	3	134	7	.	.	.	.	.	.	144
1.25-1.49	.	.	18	6	.	.	.	.	.	.	24
1.50-1.74	.	.	.	14	.	.	.	.	.	.	14
1.75-1.99	.	.	.	4	1	.	.	.	.	.	5
2.00-2.24	.	.	.	.	8	.	.	.	.	.	8
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6668	322	53	14	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.1 NO. OF CASES= 6608.

STATION 004 43.45N 79.05W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	5321	14	.	.	.	.	.	.	.	5335
0.25-0.49	.	1999	60	7	.	.	.	.	.	.	2066
0.50-0.74	.	1256	380	13	.	.	.	.	.	.	1649
0.75-0.99	.	134	405	9	.	.	.	.	.	.	548
1.00-1.24	.	3	580	53	3	.	.	.	.	.	639
1.25-1.49	.	.	38	120	.	.	.	.	.	.	158
1.50-1.74	.	.	2	104	2	.	.	.	.	.	108
1.75-1.99	.	.	.	70	4	.	.	.	.	.	74
2.00-2.24	.	.	.	10	51	.	.	.	.	.	61
2.25-2.49	.	.	.	1	19	.	.	.	.	.	20
2.50-2.74	.	.	.	.	6	.	.	.	.	.	6
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	8713	1479	387	85	1	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 3.2 NO. OF CASES= 9986.

STATION 004 43.45N 79.05W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4535	11	2	.	.	.	.	.	.	4548
0.25-0.49	.	2587	75	3	.	.	.	.	.	.	2665
0.50-0.74	.	1674	838	22	.	.	.	.	.	.	2534
0.75-0.99	.	142	919	71	1	.	.	.	.	.	1133
1.00-1.24	.	.	1023	318	2	.	.	.	.	.	1347
1.25-1.49	.	.	47	411	8	.	.	.	.	.	466
1.50-1.74	.	.	.	374	27	.	.	.	.	.	401
1.75-1.99	.	.	.	177	63	.	.	.	.	.	240
2.00-2.24	.	.	.	8	298	.	.	.	.	.	306
2.25-2.49	.	.	.	.	116	.	.	.	.	.	117
2.50-2.74	.	.	.	.	78	10	.	.	.	.	88
2.75-2.99	.	.	.	.	20	28	.	.	.	.	48
3.00-3.24	.	.	.	.	2	42	.	.	.	.	44
3.25-3.49	.	.	.	.	.	14	.	.	.	.	14
3.50+	.	.	.	.	.	13	5	.	.	.	18
TOTAL	0	8942	2913	1386	615	108	5	0	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 3.6 NO. OF CASES= 13078.

STATION 004 43.45N 79.05W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4172	12	3	.	.	.	.	.	.	4187
0.25-0.49	.	2273	23	1	.	.	.	.	.	.	2297
0.50-0.74	.	1564	594	9	.	.	.	.	.	.	2167
0.75-0.99	.	93	861	28	.	.	.	.	.	.	982
1.00-1.24	.	.	883	267	1	.	.	.	.	.	1151
1.25-1.49	.	.	21	353	1	.	.	.	.	.	375
1.50-1.74	.	.	.	326	4	.	.	.	.	.	330
1.75-1.99	.	.	.	99	50	.	.	.	.	.	149
2.00-2.24	.	.	.	4	190	.	.	.	.	.	194
2.25-2.49	.	.	.	.	86	.	.	.	.	.	86
2.50-2.74	.	.	.	.	48	1	.	.	.	.	49
2.75-2.99	.	.	.	.	12	6	.	.	.	.	18
3.00-3.24	.	.	.	.	.	7	.	.	.	.	7
3.25-3.49	.	.	.	.	.	3	.	.	.	.	3
3.50+	.	.	.	.	.	1	.	.	.	.	1
TOTAL	0	8102	2394	1090	392	18	0	0	0	0	
MEAN HS(M) = 0.6	LARGEST HS(M)= 3.9		MEAN TP(SEC)= 3.5		NO. OF CASES= 11229.						

MEAN HS(M) = 0.6 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 3.5 NO. OF CASES= 11229.

STATION 004 43.45N 79.05W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2654	5	2	.	.	.	.	.	.	2661
0.25-0.49	.	1828	33	6	.	.	.	.	.	.	1867
0.50-0.74	.	1174	324	10	.	.	.	.	.	.	1508
0.75-0.99	.	45	496	22	2	.	.	.	.	.	565
1.00-1.24	.	1	463	168	1	.	.	.	.	.	633
1.25-1.49	.	.	6	171	.	.	.	.	.	.	177
1.50-1.74	.	.	.	161	5	.	.	.	.	.	166
1.75-1.99	.	.	.	52	23	.	.	.	.	.	75
2.00-2.24	.	.	.	1	77	.	.	.	.	.	78
2.25-2.49	.	.	.	.	25	.	.	.	.	.	25
2.50-2.74	.	.	.	.	22	.	.	.	.	.	22
2.75-2.99	.	.	.	.	3	.	.	.	.	.	3
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	3	.	.	.	.	3
TOTAL	0	5702	1327	593	158	4	0	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 3.4 NO. OF CASES= 7288.

STATION 004 43.45N 79.05W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2174	5	.	.	.	.	.	.	.	2179
0.25-0.49	.	1565	32	6	.	.	.	.	.	.	1603
0.50-0.74	.	944	237	12	.	.	.	.	.	.	1193
0.75-0.99	.	34	371	16	2	.	.	.	.	.	423
1.00-1.24	.	.	367	82	.	.	.	.	.	.	449
1.25-1.49	.	.	.	152	.	.	.	.	.	.	156
1.50-1.74	.	.	.	129	.	1	.	.	.	.	130
1.75-1.99	.	.	.	35	34	.	.	.	.	.	69
2.00-2.24	.	.	.	1	65	.	.	.	.	.	66
2.25-2.49	.	.	.	.	31	.	.	.	.	.	31
2.50-2.74	.	.	.	.	13	.	.	.	.	.	13
2.75-2.99	.	.	.	.	1	1	.	.	.	.	2
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4717	1016	433	146	3	0	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 3.4 NO. OF CASES= 5913.

STATION 004 43.45N 79.05W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

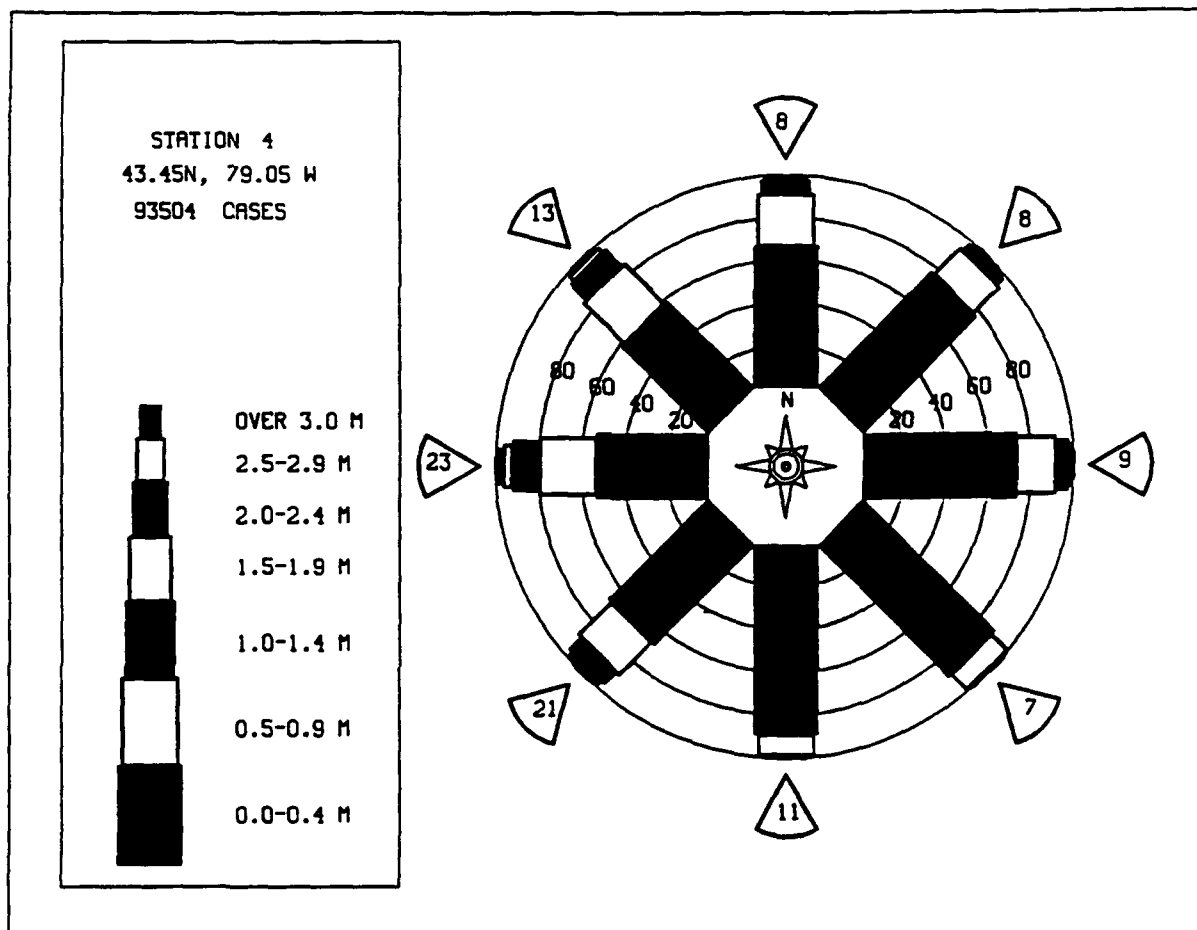
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1457	4	1	.	.	.	.	.	.	1462
0.25-0.49	.	1177	24	3	.	.	.	.	.	.	1204
0.50-0.74	.	915	285	21	.	.	.	.	.	.	1221
0.75-0.99	.	32	339	14	1	.	.	.	.	.	406
1.00-1.24	.	.	336	116	2	.	.	.	.	.	454
1.25-1.49	.	.	6	139	.	.	.	.	.	.	145
1.50-1.74	.	.	.	100	1	.	.	.	.	.	101
1.75-1.99	.	.	.	36	18	.	.	.	.	.	54
2.00-2.24	.	.	.	.	50	.	.	.	.	.	50
2.25-2.49	.	.	.	.	18	.	.	.	.	.	18
2.50-2.74	.	.	.	.	2	.	.	.	.	.	2
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3581	1014	430	92	1	0	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 3.4 NO. OF CASES= 4794.

STATION 004 43.45N 79.05W FOR ALL DIRECTIONS  
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24	.	4674	13	1	.	.	.	.	.	.	4688
0.25-0.49	.	1980	66	6	.	.	.	.	.	.	2052
0.50-0.74	.	1131	388	47	.	.	.	.	.	.	1566
0.75-0.99	.	75	411	54	3	.	.	.	.	.	543
1.00-1.24	.	1	421	150	8	.	.	.	.	.	580
1.25-1.49	.	.	15	157	13	.	.	.	.	.	279
1.50-1.74	.	.	.	133	49	.	.	.	.	.	146
1.75-1.99	.	.	.	2	1	1	.	.	.	.	73
2.00-2.24	.	.	.	.	82	.	.	.	.	.	85
2.25-2.49	.	.	.	.	31	.	.	.	.	.	31
2.50-2.74	.	.	.	.	18	2	.	.	.	.	20
2.75-2.99	.	.	.	.	3	4	.	.	.	.	7
3.00-3.24	.	.	.	.	.	5	.	.	.	.	5
3.25-3.49	.	.	.	.	.	1	.	.	.	.	1
3.50+	.	.	.	.	.	.	.	.	.	.	1
TOTAL	0	7861	1314	599	188	15	0	0	0	0	

MEAN HS(M)= 0.4 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 3.3 TOTAL CASES= 93504.



MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 004 (43.45N 79.05W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	0.4	0.4	0.5	0.4	0.4	0.2	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.3	0.3	0.5	0.5	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 004 (43.45N 79.05W)

YEAR	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	1.6	2.8	3.1	2.2	2.3	2.0	1.1	1.0	1.1	2.1	1.8	1.8	
1957	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1958	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1959	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1960	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1961	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1962	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1963	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1964	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1965	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1966	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1967	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1968	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1969	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1970	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1971	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1972	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1973	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1974	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1975	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1976	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1977	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1978	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1979	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1980	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1981	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1982	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1983	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1984	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1985	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1986	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1987	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	

32 YR. STATISTICS FOR WIS STATION 004

MEAN SIGNIFICANT WAVE HEIGHT	(METERS)	0.4
MEAN PEAK WAVE PERIOD	(SECONDS)	3.3
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND	(DEGREES)	247.5
STANDARD DEVIATION OF WAVE HS	(METERS)	0.5
STANDARD DEVIATION OF WAVE TP	(SECONDS)	0.7
LARGEST WAVE HS	(METERS)	3.9
WAVE TP ASSOCIATED WITH LARGEST WAVE HS	(SECONDS)	7.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS	(DEGREES)	271.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		79040618

STATION 005 43.45N 78.85W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIPECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1375	1	.	.	.	.	.	.	.	1376
0.25-0.49	.	821	31	2	.	.	.	.	.	.	854
0.50-0.74	.	324	144	32	.	.	.	.	.	.	500
0.75-0.99	.	6	118	11	3	.	.	.	.	.	138
1.00-1.24	.	.	101	28	2	.	.	.	.	.	131
1.25-1.49	.	.	.	24	1	.	.	.	.	.	25
1.50-1.74	.	.	.	23	.	.	.	.	.	.	23
1.75-1.99	.	.	.	4	6	1	.	.	.	.	11
2.00-2.24	.	.	.	.	5	1	.	.	.	.	6
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2526	395	124	18	2	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.2 NO. OF CASES= 2873.

STATION 005 43.45N 78.85W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1472	5	.	.	.	.	.	.	.	1477
0.25-0.49	.	601	29	.	.	.	.	.	.	.	630
0.50-0.74	.	211	111	39	.	.	.	.	.	.	361
0.75-0.99	.	7	50	26	2	.	.	.	.	.	85
1.00-1.24	.	.	25	24	5	.	.	.	.	.	54
1.25-1.49	.	.	.	9	7	.	.	.	.	.	16
1.50-1.74	.	.	.	4	2	.	.	.	.	.	6
1.75-1.99	.	.	.	2	2	.	.	.	.	.	2
2.00-2.24	.	.	.	.	1	2	.	.	.	.	3
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	2	.	.	.	.	.	2
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2291	220	104	20	2	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.2 NO. OF CASES= 2474.

STATION 005 43.45N 78.85W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2569	4	.	.	.	.	.	.	.	2573
0.25-0.49	.	866	44	.	.	.	.	.	.	.	910
0.50-0.74	.	278	222	60	.	.	.	.	.	.	560
0.75-0.99	.	13	101	83	1	.	.	.	.	.	198
1.00-1.24	.	.	37	93	12	.	.	.	.	.	142
1.25-1.49	.	.	.	65	12	.	.	.	.	.	77
1.50-1.74	.	.	.	20	24	.	.	.	.	.	44
1.75-1.99	.	.	.	2	12	3	.	.	.	.	17
2.00-2.24	.	.	.	.	17	3	.	.	.	.	20
2.25-2.49	.	.	.	.	2	2	.	.	.	.	4
2.50-2.74	.	.	.	.	5	1	.	.	.	.	6
2.75-2.99	.	.	.	.	1	.	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3726	408	323	86	9	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 3.3 NO. OF CASES= 4267.

STATION 005 43.45N 78.85W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2334	4	.	.	.	.	.	.	.	2338
0.25-0.49	.	934	36	.	.	.	.	.	.	.	970
0.50-0.74	.	363	270	49	.	.	.	.	.	.	682
0.75-0.99	.	21	161	99	.	.	.	.	.	.	281
1.00-1.24	.	.	64	166	17	.	.	.	.	.	247
1.25-1.49	.	.	.	48	23	.	.	.	.	.	71
1.50-1.74	.	.	.	29	25	.	.	.	.	.	54
1.75-1.99	.	.	.	7	11	4	.	.	.	.	22
2.00-2.24	.	.	.	.	14	1	.	.	.	.	15
2.25-2.49	.	.	.	.	10	4	.	.	.	.	14
2.50-2.74	.	.	.	.	3	1	.	.	.	.	4
2.75-2.99	.	.	.	.	1	3	.	.	.	.	4
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	1	.	.	.	1
3.50+	.	.	.	.	.	.	.	.	.	.	1
TOTAL	0	3652	535	398	104	14	2	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 3.4 NO. OF CASES= 4411.

STATION 005 43.45N 78.85W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2537	3	.	.	.	.	.	.	.	2540
0.25-0.49	.	981	29	3	.	.	.	.	.	.	1013
0.50-0.74	.	387	221	31	1	.	.	.	.	.	639
0.75-0.99	.	31	132	96	13	.	.	.	.	.	260
1.00-1.24	.	.	70	129	19	.	.	.	.	.	218
1.25-1.49	.	.	3	38	36	.	.	.	.	.	54
1.50-1.74	.	.	.	27	5	3	.	.	.	.	65
1.75-1.99	.	.	.	.	10	.	.	.	.	.	8
2.00-2.24	.	.	.	.	5	1	.	.	.	.	10
2.25-2.49	.	.	.	.	.	2	.	.	.	.	6
2.50-2.74	.	.	.	.	.	3	1	.	.	.	2
2.75-2.99	.	.	.	.	.	3	.	.	.	.	4
3.00-3.24	.	.	.	.	.	.	3	.	.	.	3
3.25-3.49	.	.	.	.	.	.	.	.	.	.	3
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3936	458	324	89	12	4	0	0	0	4520

MEAN HS(M) = 0.4 LARGEST HS(M) = 3.3 MEAN TP(SEC) = 3.3 NO. OF CASES = 4520.

STATION 005 43.45N 78.85W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1839	1	.	.	.	.	.	.	.	1840
0.25-0.49	.	430	26	.	.	.	.	.	.	.	456
0.50-0.74	.	152	59	19	.	.	.	.	.	.	230
0.75-0.99	.	16	25	31	4	.	.	.	.	.	76
1.00-1.24	.	.	12	20	6	.	.	.	.	.	38
1.25-1.49	.	.	.	4	3	.	.	.	.	.	7
1.50-1.74	.	.	.	1	2	.	.	.	.	.	3
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	1	.	1	.	.	.	2
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2437	123	75	16	0	1	0	0	0	2487

MEAN HS(M) = 0.2 LARGEST HS(M) = 2.2 MEAN TP(SEC) = 3.1 NO. OF CASES = 2487.

STATION 005 43.45N 78.85W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2660	5	.	.	.	.	.	.	.	2665
0.25-0.49	.	559	38	.	.	.	.	.	.	.	597
0.50-0.74	.	275	57	28	.	.	.	.	.	.	360
0.75-0.99	.	27	12	34	.	.	.	.	.	.	73
1.00-1.24	.	.	17	8	14	.	.	.	.	.	39
1.25-1.49	.	.	.	.	2	1	.	.	.	.	3
1.50-1.74	.	.	.	3	1	.	.	.	.	.	4
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3521	129	73	17	1	0	0	0	0	3506

MEAN HS(M) = 0.2 LARGEST HS(M) = 1.7 MEAN TP(SEC) = 3.1 NO. OF CASES = 3506.

STATION 005 43.45N 78.85W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2545	8	1	.	.	.	.	.	.	2554
0.25-0.49	.	711	40	3	.	.	.	.	.	.	754
0.50-0.74	.	386	34	28	1	.	.	.	.	.	449
0.75-0.99	.	47	7	16	2	.	.	.	.	.	72
1.00-1.24	.	1	38	3	9	.	.	.	.	.	51
1.25-1.49	.	.	8	.	.	.	.	.	.	.	8
1.50-1.74	.	.	.	.	.	.	.	.	.	.	0
1.75-1.99	.	.	.	1	1	.	.	.	.	.	2
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3690	135	52	13	0	0	0	0	0	3643

MEAN HS(M) = 0.2 LARGEST HS(M) = 1.9 MEAN TP(SEC) = 3.1 NO. OF CASES = 3643.

STATION 005 43.45N 78.85W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	4326	7	1	.	.	.	.	.	.	4334
0.25-0.49	.	1184	52	3	.	.	.	.	.	.	1239
0.50-0.74	.	638	32	19	.	.	.	.	.	.	689
0.75-0.99	.	54	5	9	.	.	.	.	.	.	68
1.00-1.24	.	1	84	1	1	.	.	.	.	.	87
1.25-1.49	.	.	16	.	.	.	.	.	.	.	16
1.50-1.74	.	.	5	9	.	.	.	.	.	.	14
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6203	201	43	1	0	0	0	0	0	6035

MEAN HS(M) = 0.2    LARGEST HS(M)= 1.8    MEAN TP(SEC)= 3.0    NO. OF CASES= 6035.

STATION 005 43.45N 78.85W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	3882	8	2	.	.	.	.	.	.	3892
0.25-0.49	.	1568	21	3	.	.	.	.	.	.	1592
0.50-0.74	.	1218	8	16	3	.	.	.	.	.	1245
0.75-0.99	.	130	14	6	.	.	.	.	.	.	150
1.00-1.24	.	1	115	1	1	.	.	.	.	.	118
1.25-1.49	.	.	29	3	.	.	.	.	.	.	32
1.50-1.74	.	.	4	18	.	.	.	.	.	.	22
1.75-1.99	.	.	.	2	.	.	.	.	.	.	2
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6799	199	51	4	0	0	0	0	0	6602

MEAN HS(M) = 0.3    LARGEST HS(M)= 1.9    MEAN TP(SEC)= 3.0    NO. OF CASES= 6602.

STATION 005 43.45N 78.85W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	4912	13	.	.	.	.	.	.	.	4925
0.25-0.49	.	1981	57	6	.	.	.	.	.	.	2054
0.50-0.74	.	1786	151	25	.	.	.	.	.	.	1972
0.75-0.99	.	361	199	13	2	.	.	.	.	.	575
1.00-1.24	.	2	191	59	7	.	.	.	.	.	258
1.25-1.49	.	.	101	18	2	.	.	.	.	.	121
1.50-1.74	.	.	10	82	8	.	.	.	.	.	100
1.75-1.99	.	.	.	22	5	.	.	.	.	.	27
2.00-2.24	.	.	.	9	6	.	.	.	.	.	15
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	1	.	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	1	.	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	9062	722	235	32	0	0	0	0	0	9411

MEAN HS(M) = 0.4    LARGEST HS(M)= 3.2    MEAN TP(SEC)= 3.1    NO. OF CASES= 9411.

STATION 005 43.45N 78.85W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	4359	6	2	.	.	.	.	.	.	4367
0.25-0.49	.	2788	141	7	.	.	.	.	.	.	2936
0.50-0.74	.	2384	849	33	.	.	.	.	.	.	3246
0.75-0.99	.	433	1078	84	.	.	.	.	.	.	1595
1.00-1.24	.	2	777	459	5	.	.	.	.	.	1243
1.25-1.49	.	.	159	349	10	.	.	.	.	.	518
1.50-1.74	.	.	17	445	60	.	.	.	.	.	522
1.75-1.99	.	.	.	119	140	.	.	.	.	.	259
2.00-2.24	.	.	.	23	245	2	.	.	.	.	270
2.25-2.49	.	.	.	.	95	.	.	.	.	.	95
2.50-2.74	.	.	.	1	85	23	.	.	.	.	109
2.75-2.99	.	.	.	.	8	24	.	.	.	.	32
3.00-3.24	.	.	.	.	2	37	.	.	.	.	39
3.25-3.49	.	.	.	.	.	14	.	.	.	.	14
3.50+	.	.	.	.	.	9	10	.	.	.	19
TOTAL	0	9946	3027	1522	850	109	10	0	0	0	14288

MEAN HS(M) = 0.6    LARGEST HS(M)= 4.3    MEAN TP(SEC)= 3.6    NO. OF CASES= 14288.



STATION 005 43.45N 78.85W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24	.	3891	5	1	.	.	.	.	.	.	3897
0.25-0.49	.	2593	36	4	.	.	.	.	.	.	2633
0.50-0.74	.	1446	981	38	.	.	.	.	.	.	2465
0.75-0.99	.	116	1020	231	1	.	.	.	.	.	1368
1.00-1.24	.	.	670	771	9	.	.	.	.	.	1450
1.25-1.49	.	.	19	617	25	.	.	.	.	.	661
1.50-1.74	.	.	1	429	70	1	.	.	.	.	501
1.75-1.99	.	.	.	115	113	2	.	.	.	.	230
2.00-2.24	.	.	.	4	272	.	.	.	.	.	276
2.25-2.49	.	.	.	.	145	.	.	.	.	.	145
2.50-2.74	.	.	.	.	121	23	.	.	.	.	144
2.75-2.99	.	.	.	.	6	43	.	.	.	.	49
3.00-3.24	.	.	.	.	.	49	1	.	.	.	50
3.25-3.49	.	.	.	.	.	10	.	.	.	.	10
3.50+	.	.	.	.	.	7	8	.	.	.	15
TOTAL	0	8046	2732	2210	62	135	9	0	0	0	

MEAN HS(M) = 0.7 LARGEST HS(M)= 4.1 MEAN TP(SEC)= 3.7 NO. OF CASES= 13007.

STATION 005 43.45N 78.85W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24	.	2054	2	.	.	.	.	.	.	.	2056
0.25-0.49	.	1907	28	4	.	.	.	.	.	.	1939
0.50-0.74	.	1001	558	10	.	.	.	.	.	.	1569
0.75-0.99	.	47	528	87	.	.	.	.	.	.	662
1.00-1.24	.	.	365	342	2	.	.	.	.	.	709
1.25-1.49	.	.	7	236	8	.	.	.	.	.	251
1.50-1.74	.	.	.	163	21	.	.	.	.	.	184
1.75-1.99	.	.	.	45	43	.	.	.	.	.	88
2.00-2.24	.	.	.	.	99	.	.	.	.	.	99
2.25-2.49	.	.	.	.	35	.	.	.	.	.	35
2.50-2.74	.	.	.	.	21	5	.	.	.	.	26
2.75-2.99	.	.	.	.	2	10	.	.	.	.	12
3.00-3.24	.	.	.	.	.	4	.	.	.	.	4
3.25-3.49	.	.	.	.	.	1	.	.	.	.	1
3.50+	.	.	.	.	.	1	1	.	.	.	2
TOTAL	0	5009	1488	887	231	21	1	0	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 3.5 NO. OF CASES= 7153.

STATION 005 43.45N 78.85W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24	.	1503	1	1	.	.	.	.	.	.	1505
0.25-0.49	.	1437	16	2	.	.	.	.	.	.	1455
0.50-0.74	.	700	358	12	.	.	.	.	.	.	1070
0.75-0.99	.	27	410	13	2	.	.	.	.	.	452
1.00-1.24	.	.	332	122	2	.	.	.	.	.	456
1.25-1.49	.	.	7	158	.	.	.	.	.	.	165
1.50-1.74	.	.	2	130	6	1	.	.	.	.	139
1.75-1.99	.	.	.	39	29	.	.	.	.	.	68
2.00-2.24	.	.	.	.	51	.	.	.	.	.	51
2.25-2.49	.	.	.	.	20	.	.	.	.	.	20
2.50-2.74	.	.	.	.	5	.	.	.	.	.	5
2.75-2.99	.	.	.	.	1	.	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3667	1126	477	116	1	0	0	0	0	

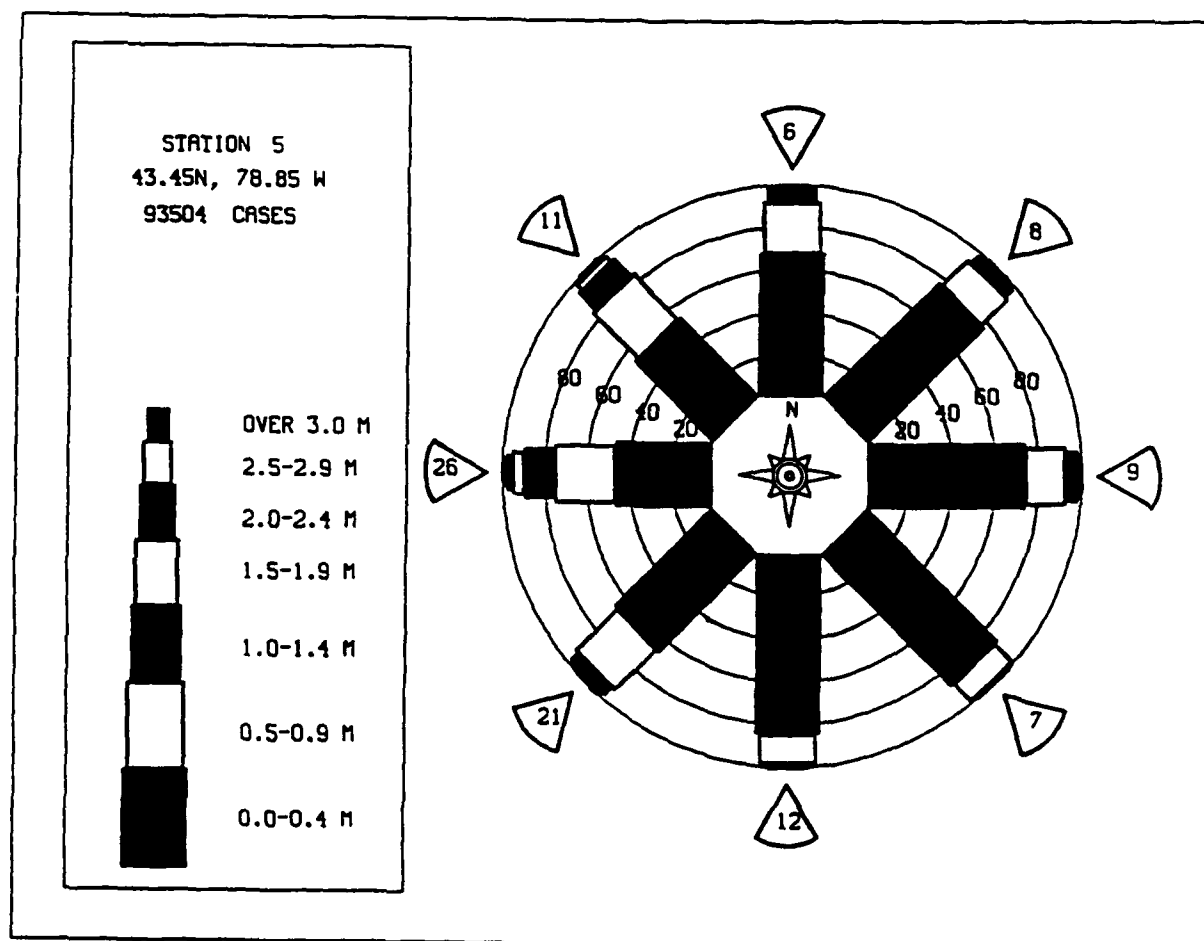
MEAN HS(M) = 0.5 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.5 NO. OF CASES= 5048.

STATION 005 43.45N 78.85W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24	.	1061	5	.	.	.	.	.	.	.	1066
0.25-0.49	.	909	17	1	.	.	.	.	.	.	927
0.50-0.74	.	644	340	18	.	.	.	.	.	.	1002
0.75-0.99	.	23	335	28	.	.	.	.	.	.	386
1.00-1.24	.	1	273	100	1	.	.	.	.	.	374
1.25-1.49	.	.	4	111	6	.	.	.	.	.	116
1.50-1.74	.	.	.	73	1	.	.	.	.	.	79
1.75-1.99	.	.	.	17	22	.	.	.	.	.	39
2.00-2.24	.	.	.	1	33	.	.	.	.	.	34
2.25-2.49	.	.	.	.	5	.	.	.	.	.	5
2.50-2.74	.	.	.	.	2	.	.	.	.	.	2
2.75-2.99	.	.	.	.	1	1	.	.	.	.	2
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2638	974	349	70	1	0	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 3.5 NO. OF CASES= 3779.

STATION 005 43.45N 78.85W FOR ALL DIRECTIONS										
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
HEIGHT(METRES)	PEAK PERIOD(SECONDS)									
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER
0.00-0.24	.	4332	8	.	.	.	.	.	.	4340
0.25-0.49	.	2028	64	4	.	.	.	.	.	2086
0.50-0.74	.	1219	440	46	.	.	.	.	.	1705
0.75-0.99	.	136	420	87	1	.	.	.	.	644
1.00-1.24	.	.	317	233	11	.	.	.	.	561
1.25-1.49	.	.	35	168	11	.	.	.	.	214
1.50-1.74	.	.	4	146	26	.	.	.	.	176
1.75-1.99	.	.	.	38	39	1	.	.	.	78
2.00-2.24	.	.	.	3	75	.	.	.	.	78
2.25-2.49	.	.	.	.	32	.	.	.	.	32
2.50-2.74	.	.	.	.	24	5	.	.	.	29
2.75-2.99	.	.	.	.	2	8	.	.	.	10
3.00-3.24	.	.	.	.	.	9	.	.	.	9
3.25-3.49	.	.	.	.	.	2	.	.	.	2
3.50+	.	.	.	.	.	1	.	.	.	3
TOTAL	0	7715	1288	725	221	26	2	0	0	0
MEAN HS(M)=	0.4	LARGEST HS(M)=	4.3	MEAN TP(SEC)=	3.4	TOTAL CASES=	93504.			



# MEAN HS(METERS) BY MONTH AND YEAR

WIS STATION 005 (43.45N 78.85W)

## MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1957	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1958	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1959	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1960	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1961	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1962	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1963	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1964	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1965	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1966	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1967	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1968	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1969	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1970	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1971	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1972	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1973	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1974	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1975	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1976	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1977	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1978	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1979	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1980	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1981	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1982	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1983	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1984	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1985	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1986	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1987	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
MEAN	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	

# LARGEST HS(METERS) BY MONTH AND YEAR

WIS STATION 005 (43.45N 78.85W)

## MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.7	3.0	2.7	2.0	2.1	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1957	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1958	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1959	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1960	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1961	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1962	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1963	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1964	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1965	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1966	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1967	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1968	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1969	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1970	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1971	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1972	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1973	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1974	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1975	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1976	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1977	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1978	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1979	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1980	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1981	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1982	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1983	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1984	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1985	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1986	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	
1987	1.5	2.0	2.0	1.7	1.9	1.8	1.2	0.9	1.0	1.1	2.5	1.6	

# 32 YR. STATISTICS FOR WIS STATION 005

MEAN SIGNIFICANT WAVE HEIGHT . . . . . (METERS)	0.4
MEAN PEAK WAVE PERIOD . . . . . (SECONDS)	3.4
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND . . (DEGREES)	247.5
STANDARD DEVIATION OF WAVE HS . . . . . (METERS)	0.5
STANDARD DEVIATION OF WAVE TP . . . . . (SECONDS)	0.7
LARGEST WAVE HS . . . . . (METERS)	4.3
WAVE TP ASSOCIATED WITH LARGEST WAVE HS . . . . . (SECONDS)	8.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS . . (DEGREES)	256.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)	75022609

STATION 006 43.45N 78.65W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1256	3	.	.	.	.	.	.	.	1259
0.25-0.49	.	729	35	3	.	.	.	.	.	.	767
0.50-0.74	.	272	145	26	.	.	.	.	.	.	444
0.75-0.99	.	9	96	9	2	.	.	.	.	.	116
1.00-1.24	.	.	91	22	3	.	.	.	.	.	116
1.25-1.49	.	.	1	13	.	.	.	.	.	.	14
1.50-1.74	.	.	.	25	1	.	.	.	.	.	26
1.75-1.99	.	.	.	5	5	.	.	.	.	.	10
2.00-2.24	.	.	.	.	1	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2267	371	103	12	0	0	0	0	0	0

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.2 NO. OF CASES= 2583.

STATION 006 43.45N 78.65W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1346	2	.	.	.	.	.	.	.	1348
0.25-0.49	.	504	19	.	.	.	.	.	.	.	523
0.50-0.74	.	183	98	34	.	.	.	.	.	.	315
0.75-0.99	.	5	43	25	1	.	.	.	.	.	74
1.00-1.24	.	.	28	23	6	.	.	.	.	.	57
1.25-1.49	.	.	.	7	5	.	.	.	.	.	12
1.50-1.74	.	.	.	1	5	.	.	.	.	.	6
1.75-1.99	.	.	.	.	2	1	.	.	.	.	3
2.00-2.24	.	.	.	.	1	1	.	.	.	.	2
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	1	1	.	.	.	.	2
2.75-2.99	.	.	.	.	.	1	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2038	190	90	21	4	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 3.2 NO. OF CASES= 2199.

STATION 006 43.45N 78.65W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2745	1	.	.	.	.	.	.	.	2746
0.25-0.49	.	997	41	.	.	.	.	.	.	.	1038
0.50-0.74	.	293	222	50	.	.	.	.	.	.	565
0.75-0.99	.	7	104	108	.	.	.	.	.	.	219
1.00-1.24	.	.	35	113	5	.	.	.	.	.	153
1.25-1.49	.	.	1	33	19	.	.	.	.	.	53
1.50-1.74	.	.	.	29	29	.	.	.	.	.	58
1.75-1.99	.	.	.	1	14	2	.	.	.	.	17
2.00-2.24	.	.	.	.	19	5	.	.	.	.	24
2.25-2.49	.	.	.	.	8	1	.	.	.	.	9
2.50-2.74	.	.	.	.	2	1	.	.	.	.	3
2.75-2.99	.	.	.	.	.	2	.	.	.	.	2
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4042	404	334	96	15	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 3.3 NO. OF CASES= 4583.

STATION 006 43.45N 78.65W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2064	5	.	.	.	.	.	.	.	2069
0.25-0.49	.	1024	33	.	.	.	.	.	.	.	1057
0.50-0.74	.	421	287	26	.	.	.	.	.	.	734
0.75-0.99	.	19	189	114	.	.	.	.	.	.	322
1.00-1.24	.	.	59	185	17	.	.	.	.	.	261
1.25-1.49	.	.	.	51	17	.	.	.	.	.	69
1.50-1.74	.	.	.	37	22	1	.	.	.	.	60
1.75-1.99	.	.	.	3	22	2	.	.	.	.	17
2.00-2.24	.	.	.	.	22	2	.	.	.	.	24
2.25-2.49	.	.	.	.	5	.	.	.	.	.	5
2.50-2.74	.	.	.	.	4	9	.	.	.	.	13
2.75-2.99	.	.	.	.	.	1	.	.	.	.	0
3.00-3.24	.	.	.	.	.	2	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	2
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3528	574	416	99	17	0	0	0	0	0

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 3.4 NO. OF CASES= 4342.

STATION 006 43.45N 78.65W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2375	4	1	.	.	.	.	.	.	2379
0.25-0.49	.	971	22	.	.	.	.	.	.	.	994
0.50-0.74	.	361	195	28	.	.	.	.	.	.	584
0.75-0.99	.	34	151	69	1	.	.	.	.	.	255
1.00-1.24	.	.	66	118	16	.	.	.	.	.	200
1.25-1.49	.	.	2	43	18	.	.	.	.	.	63
1.50-1.74	.	.	.	17	17	.	.	.	.	.	34
1.75-1.99	.	.	.	1	3	1	.	.	.	.	5
2.00-2.24	.	.	.	.	10	1	.	.	.	.	11
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	1	3	.	.	.	.	4
2.75-2.99	.	.	.	.	.	3	.	.	.	.	3
3.00-3.24	.	.	.	.	.	2	.	.	.	.	2
3.25-3.49	.	.	.	.	.	.	2	.	.	.	2
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3741	440	277	68	10	2	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 3.3 NO. OF CASES= 4252.

STATION 006 43.45N 78.65W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1783	1	.	.	.	.	.	.	.	1784
0.25-0.49	.	416	20	.	.	.	.	.	.	.	436
0.50-0.74	.	127	48	20	.	.	.	.	.	.	195
0.75-0.99	.	10	22	22	1	.	.	.	.	.	55
1.00-1.24	.	.	13	17	3	.	.	.	.	.	33
1.25-1.49	.	.	.	3	2	.	.	.	.	.	5
1.50-1.74	.	.	.	.	2	.	.	.	.	.	4
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	1	.	1	.	.	.	2
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2336	104	64	11	0	1	0	0	0	

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 3.1 NO. OF CASES= 2358.

STATION 006 43.45N 78.65W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2605	3	.	.	.	.	.	.	.	2608
0.25-0.49	.	512	29	1	.	.	.	.	.	.	542
0.50-0.74	.	264	67	24	.	.	.	.	.	.	355
0.75-0.99	.	31	4	31	.	.	.	.	.	.	66
1.00-1.24	.	.	13	10	12	.	.	.	.	.	35
1.25-1.49	.	.	1	2	2	1	.	.	.	.	6
1.50-1.74	.	.	.	3	1	.	.	.	.	.	4
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3412	117	71	15	1	0	0	0	0	

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.1 NO. OF CASES= 3387.

STATION 006 43.45N 78.65W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2537	5	.	.	.	.	.	.	.	2542
0.25-0.49	.	696	36	.	.	.	.	.	.	.	734
0.50-0.74	.	393	34	26	1	.	.	.	.	.	454
0.75-0.99	.	50	10	24	6	.	.	.	.	.	86
1.00-1.24	.	.	45	5	2	.	.	.	.	.	56
1.25-1.49	.	.	10	.	2	.	.	.	.	.	12
1.50-1.74	.	.	3	.	1	.	.	.	.	.	4
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3676	143	58	12	0	0	0	0	0	

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.1 NO. OF CASES= 3644.

STATION 006 43.45N 78.65W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4192	4	1	.	.	.	.	.	.	4197
0.25-0.49	.	1284	36	2	.	.	.	.	.	.	1322
0.50-0.74	.	747	38	22	.	.	.	.	.	.	807
0.75-0.99	.	79	3	7	1	.	.	.	.	.	90
1.00-1.24	.	1	131	3	1	.	.	.	.	.	136
1.25-1.49	.	.	23	1	.	.	.	.	.	.	24
1.50-1.74	.	.	7	14	.	.	.	.	.	.	21
1.75-1.99	.	.	.	1	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6303	242	50	3	0	0	0	0	0	6176

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.1 NO. OF CASES= 6176.

STATION 006 43.45N 78.65W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	3440	5	.	.	.	.	.	.	.	3445
0.25-0.49	.	1569	21	2	.	.	.	.	.	.	1592
0.50-0.74	.	1356	16	10	3	.	.	.	.	.	1385
0.75-0.99	.	108	10	5	.	.	.	.	.	.	207
1.00-1.24	.	1	136	1	4	.	.	.	.	.	141
1.25-1.49	.	.	36	1	.	.	.	.	.	.	37
1.50-1.74	.	.	4	17	.	.	.	.	.	.	21
1.75-1.99	.	.	.	5	.	.	.	.	.	.	5
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6534	252	40	7	0	0	0	0	0	6396

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.1 NO. OF CASES= 6396.

STATION 006 43.45N 78.65W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4151	11	.	.	.	.	.	.	.	4162
0.25-0.49	.	1956	35	2	.	.	.	.	.	.	1993
0.50-0.74	.	2101	38	23	.	.	.	.	.	.	2162
0.75-0.99	.	391	119	8	1	.	.	.	.	.	519
1.00-1.24	.	2	190	14	4	.	.	.	.	.	210
1.25-1.49	.	.	108	32	1	.	.	.	.	.	141
1.50-1.74	.	.	4	91	.	.	.	.	.	.	95
1.75-1.99	.	.	.	24	.	.	.	.	.	.	24
2.00-2.24	.	.	.	12	1	.	.	.	.	.	13
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	8601	505	206	9	0	0	0	0	0	8725

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.1 NO. OF CASES= 8725.

STATION 006 43.45N 78.65W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4113	14	.	.	.	.	.	.	.	4127
0.25-0.49	.	2835	237	4	.	.	.	.	.	.	3076
0.50-0.74	.	2866	835	68	.	.	.	.	.	.	3769
0.75-0.99	.	693	851	179	1	.	.	.	.	.	1724
1.00-1.24	.	3	610	465	16	.	.	.	.	.	1094
1.25-1.49	.	.	207	309	21	.	.	.	.	.	537
1.50-1.74	.	.	19	462	86	.	.	.	.	.	567
1.75-1.99	.	.	.	161	112	1	.	.	.	.	274
2.00-2.24	.	.	.	52	203	3	.	.	.	.	258
2.25-2.49	.	.	.	4	90	7	1	.	.	.	102
2.50-2.74	.	.	.	1	66	29	.	.	.	.	96
2.75-2.99	.	.	.	.	13	33	.	.	.	.	46
3.00-3.24	.	.	.	.	3	36	.	.	.	.	39
3.25-3.49	.	.	.	.	2	9	.	.	.	.	11
3.50+	.	.	.	.	.	12	23	.	.	.	35
TOTAL	0	10510	2773	1705	613	130	24	0	0	0	14746

MEAN HS(M) = 0.6 LARGEST HS(M)= 4.6 MEAN TP(SEC)= 3.6 NO. OF CASES= 14746.

STATION 006 43.45N 78.65W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		4083	6								4089
0.25-0.49		2864	50	3							2917
0.50-0.74		1392	1268	96							2756
0.75-0.99		106	941	535							1582
1.00-1.24			478	1012	23						1513
1.25-1.49			24	645	91						760
1.50-1.74				491	177						668
1.75-1.99				77	183						269
2.00-2.24				4	313	9					326
2.25-2.49					155	88					243
2.50-2.74					118	83					206
2.75-2.99					3	88					91
3.00-3.24						18					18
3.25-3.49						2					2
3.50+						16					16
TOTAL	0	8445	2767	2863	1063	336	35	0	0	0	14517

MEAN HS(M) = 0.7 LARGEST HS(M)= 5.0 MEAN TP(SEC)= 3.9 NO. OF CASES= 14517.

STATION 006 43.45N 78.65W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		2064	2								2066
0.25-0.49		2027	16	1							2044
0.50-0.74		845	698	36							1579
0.75-0.99		38	450	238	1						727
1.00-1.24			199	517	9						725
1.25-1.49			6	240	26						272
1.50-1.74			1	179	70						250
1.75-1.99				25	60	1					86
2.00-2.24				1	87						88
2.25-2.49					55	1					56
2.50-2.74					38	19					57
2.75-2.99						23					23
3.00-3.24						19					19
3.25-3.49						6					6
3.50+						3					3
TOTAL	0	4974	1372	1237	346	72	0	0	0	0	7495

MEAN HS(M) = 0.6 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 3.6 NO. OF CASES= 7495.

STATION 006 43.45N 78.65W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		1344	2	1							1347
0.25-0.49		1368	12								1380
0.50-0.74		532	432	12							976
0.75-0.99		22	298	126	1						447
1.00-1.24			125	268	5						398
1.25-1.49			3	141	18						162
1.50-1.74				106	47						153
1.75-1.99				16	38						54
2.00-2.24					54						54
2.25-2.49					33						33
2.50-2.74					9	1					10
2.75-2.99					1	12					13
3.00-3.24						4					4
3.25-3.49						2					2
3.50+											0
TOTAL	0	3266	872	670	206	19	0	0	0	0	4716

MEAN HS(M) = 0.6 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 3.6 NO. OF CASES= 4716.

STATION 006 43.45N 78.65W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		1033	1								1034
0.25-0.49		870	19								889
0.50-0.74		479	326	14							819
0.75-0.99		22	267	54							343
1.00-1.24			174	143	1						318
1.25-1.49				83	3						86
1.50-1.74				53	10						63
1.75-1.99				6	14						20
2.00-2.24					26	1					27
2.25-2.49					4						4
2.50-2.74					5	1					6
2.75-2.99											0
3.00-3.24						1					1
3.25-3.49											0
3.50+											1
TOTAL	0	2404	787	353	63	4	0	0	0	0	3385

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 3.5 NO. OF CASES= 3385.

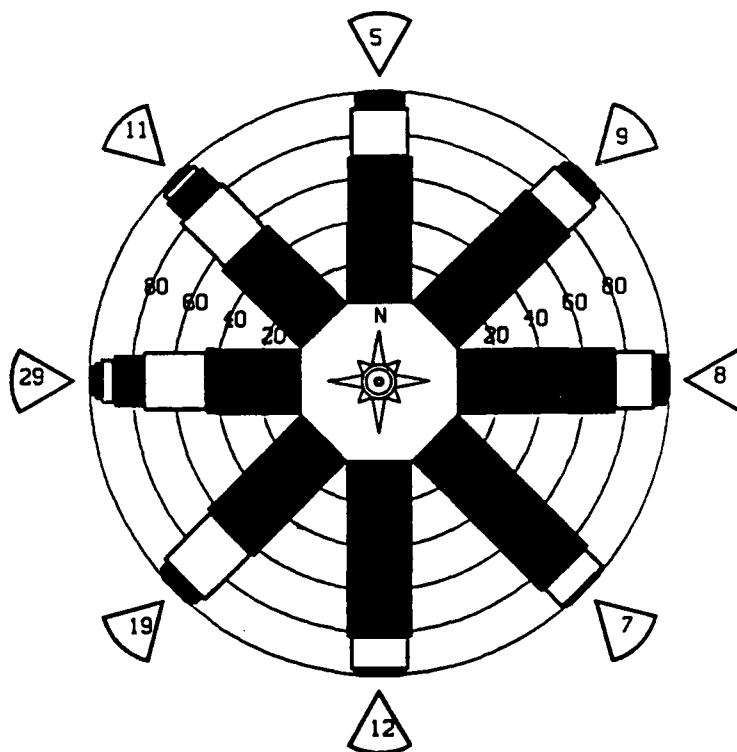
STATION 006 43.45N 78.65W FOR ALL DIRECTIONS											TOTAL
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	4113	7	.	.	.	.	.	.	.	4120
0.25-0.49	.	2062	66	2	.	.	.	.	.	.	2130
0.50-0.74	.	1264	475	152	.	.	.	.	.	.	1791
0.75-0.99	.	169	358	156	1	.	.	.	.	.	684
1.00-1.24	.	.	240	292	13	.	.	.	.	.	545
1.25-1.49	.	.	42	160	22	.	.	.	.	.	224
1.50-1.74	.	.	3	153	47	.	.	.	.	.	203
1.75-1.99	.	.	.	32	44	1	.	.	.	.	77
2.00-2.24	.	.	.	7	74	2	.	.	.	.	83
2.25-2.49	.	.	.	.	35	1	.	.	.	.	36
2.50-2.74	.	.	.	.	24	15	.	.	.	.	39
2.75-2.99	.	.	.	.	1	15	.	.	.	.	16
3.00-3.24	.	.	.	.	.	15	.	.	.	.	15
3.25-3.49	.	.	.	.	.	5	.	.	.	.	5
3.50+	.	.	.	.	.	3	5	.	.	.	8
TOTAL	0	7608	1191	854	261	57	5	0	0	0	
MEAN HS(M)= 0.5 LARGEST HS(M)= 5.0 MEAN TP(SEC)= 3.4 TOTAL CASES= 93504.											

MEAN HS(M)= 0.5    LARGEST HS(M)= 5.0    MEAN TP(SEC)= 3.4    TOTAL CASES= 93504.

STATION 6  
43.45N, 78.65 W  
93504 CASES



OVER 3.0 M  
2.5-2.9 M  
2.0-2.4 M  
1.5-1.9 M  
1.0-1.4 M  
0.5-0.9 M  
0.0-0.4 M





MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 006 (43.45N 78.65W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0	0	0	0	0	0	0	0	0	0	0	0	0
1957	0	0	0	0	0	0	0	0	0	0	0	0	0
1958	0	0	0	0	0	0	0	0	0	0	0	0	0
1959	0	0	0	0	0	0	0	0	0	0	0	0	0
1960	0	0	0	0	0	0	0	0	0	0	0	0	0
1961	0	0	0	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0.7	0.6	0.6	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 006 (43.45N 78.65W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1	1	1	1	1	1	1	1	1	1	1	1	1
1957	1	1	1	1	1	1	1	1	1	1	1	1	1
1958	1	1	1	1	1	1	1	1	1	1	1	1	1
1959	1	1	1	1	1	1	1	1	1	1	1	1	1
1960	1	1	1	1	1	1	1	1	1	1	1	1	1
1961	1	1	1	1	1	1	1	1	1	1	1	1	1
1962	1	1	1	1	1	1	1	1	1	1	1	1	1
1963	1	1	1	1	1	1	1	1	1	1	1	1	1
1964	1	1	1	1	1	1	1	1	1	1	1	1	1
1965	1	1	1	1	1	1	1	1	1	1	1	1	1
1966	1	1	1	1	1	1	1	1	1	1	1	1	1
1967	1	1	1	1	1	1	1	1	1	1	1	1	1
1968	1	1	1	1	1	1	1	1	1	1	1	1	1
1969	1	1	1	1	1	1	1	1	1	1	1	1	1
1970	1	1	1	1	1	1	1	1	1	1	1	1	1
1971	1	1	1	1	1	1	1	1	1	1	1	1	1
1972	1	1	1	1	1	1	1	1	1	1	1	1	1
1973	1	1	1	1	1	1	1	1	1	1	1	1	1
1974	1	1	1	1	1	1	1	1	1	1	1	1	1
1975	1	1	1	1	1	1	1	1	1	1	1	1	1
1976	1	1	1	1	1	1	1	1	1	1	1	1	1
1977	1	1	1	1	1	1	1	1	1	1	1	1	1
1978	1	1	1	1	1	1	1	1	1	1	1	1	1
1979	1	1	1	1	1	1	1	1	1	1	1	1	1
1980	1	1	1	1	1	1	1	1	1	1	1	1	1
1981	1	1	1	1	1	1	1	1	1	1	1	1	1
1982	1	1	1	1	1	1	1	1	1	1	1	1	1
1983	1	1	1	1	1	1	1	1	1	1	1	1	1
1984	1	1	1	1	1	1	1	1	1	1	1	1	1
1985	1	1	1	1	1	1	1	1	1	1	1	1	1
1986	1	1	1	1	1	1	1	1	1	1	1	1	1
1987	1	1	1	1	1	1	1	1	1	1	1	1	1

32 YR. STATISTICS FOR WIS STATION 006

MEAN SIGNIFICANT WAVE HEIGHT . . . . .	(METERS)	0.5
MEAN PEAK WAVE PERIOD . . . . .	(SECONDS)	3.4
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND . . .	(DEGREES)	247.5
STANDARD DEVIATION OF WAVE HS . . . . .	(METERS)	0.5
STANDARD DEVIATION OF WAVE TP . . . . .	(SECONDS)	0.8
LARGEST WAVE HS . . . . .	(METERS)	5.0
WAVE TP ASSOCIATED WITH LARGEST WAVE HS . . . . .	(SECONDS)	8.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS . . .	(DEGREES)	270.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		68120600

STATION 007 43.45N 78.45W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		1186	1								1187
0.25-0.49		595	21								616
0.50-0.74		240	136	20							396
0.75-0.99		4	85	14	1						104
1.00-1.24			101	14	3						118
1.25-1.49				16							16
1.50-1.74				22	1						23
1.75-1.99				2	2						4
2.00-2.24					1						1
2.25-2.49											0
2.50-2.74						1					1
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	2025	344	88	8	1	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.2 NO. OF CASES= 2313.

STATION 007 43.45N 78.45W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		1467									1467
0.25-0.49		496	21								517
0.50-0.74		147	129	26							302
0.75-0.99		4	42	33							79
1.00-1.24			18	23	2						43
1.25-1.49				7	7						14
1.50-1.74				2	4						6
1.75-1.99					1	1					2
2.00-2.24					1						2
2.25-2.49											0
2.50-2.74						1					1
2.75-2.99						2					2
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	2114	210	91	15	5	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.2 NO. OF CASES= 2283.

STATION 007 43.45N 78.45W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		2414	3								2417
0.25-0.49		942	29								971
0.50-0.74		303	219	36							558
0.75-0.99		14	90	109							213
1.00-1.24			48	126	16						180
1.25-1.49			1	44	15						61
1.50-1.74				26	32						58
1.75-1.99					14	1					15
2.00-2.24					20	4					24
2.25-2.49					6	1					7
2.50-2.74					2	3					5
2.75-2.99						3					3
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	3673	390	341	96	16	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 3.3 NO. OF CASES= 4233.

STATION 007 43.45N 78.45W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		1987	2								1989
0.25-0.49		1036	32								1068
0.50-0.74		424	271	29							724
0.75-0.99		19	193	104							316
1.00-1.24			81	147	11						239
1.25-1.49			2	48	22						62
1.50-1.74				32	21						53
1.75-1.99				1	18	1					10
2.00-2.24					16						18
2.25-2.49					9						9
2.50-2.74					3	1					4
2.75-2.99						1					1
3.00-3.24						3					3
3.25-3.49											0
3.50+											0
TOTAL	0	3486	581	362	80	7	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 3.4 NO. OF CASES= 4213.

STATION 007 43.45N 78.45W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	2375	2	.	.	.	.	.	.	.	2377
0.25-0.49	.	956	21	1	.	.	.	.	.	.	978
0.50-0.74	.	365	191	25	.	.	.	.	.	.	581
0.75-0.99	.	33	142	52	.	.	.	.	.	.	227
1.00-1.24	.	.	58	93	10	.	.	.	.	.	161
1.25-1.49	.	.	1	38	10	.	.	.	.	.	49
1.50-1.74	.	.	.	9	9	.	.	.	.	.	18
1.75-1.99	.	.	.	.	6	.	.	.	.	.	6
2.00-2.24	.	.	.	.	3	2	.	.	.	.	5
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	2	.	.	.	.	.	2
2.75-2.99	.	.	.	.	.	1	1	.	.	.	2
3.00-3.24	.	.	.	.	.	.	1	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3729	415	218	41	3	2	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 3.2 NO. OF CASES= 4130.

STATION 007 43.45N 78.45W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1755	3	.	.	.	.	.	.	.	1758
0.25-0.49	.	393	10	.	.	.	.	.	.	.	403
0.50-0.74	.	117	60	25	1	.	.	.	.	.	202
0.75-0.99	.	9	21	18	6	.	.	.	.	.	49
1.00-1.24	.	.	12	21	1	.	.	.	.	.	39
1.25-1.49	.	.	.	2	2	.	.	.	.	.	4
1.50-1.74	.	.	.	.	4	.	.	.	.	.	6
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	1	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2274	106	70	10	1	0	0	0	0	

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.1 NO. OF CASES= 2308.

STATION 007 43.45N 78.45W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	2563	1	.	.	.	.	.	.	.	2564
0.25-0.49	.	507	28	.	.	.	.	.	.	.	535
0.50-0.74	.	237	67	23	.	.	.	.	.	.	327
0.75-0.99	.	28	18	34	10	.	.	.	.	.	80
1.00-1.24	.	2	13	16	4	.	.	.	.	.	41
1.25-1.49	.	.	6	1	.	.	.	.	.	.	11
1.50-1.74	.	.	.	2	.	.	.	.	.	.	2
1.75-1.99	.	.	.	.	.	1	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3337	133	76	14	1	0	0	0	0	

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.1 NO. OF CASES= 3337.

STATION 007 43.45N 78.45W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	2512	3	1	.	.	.	.	.	.	2515
0.25-0.49	.	687	31	28	.	.	.	.	.	.	719
0.50-0.74	.	380	47	16	3	.	.	.	.	.	455
0.75-0.99	.	48	4	12	7	.	.	.	.	.	71
1.00-1.24	.	.	44	1	4	.	.	.	.	.	63
1.25-1.49	.	.	6	.	1	.	.	.	.	.	11
1.50-1.74	.	.	4	.	.	.	.	.	.	.	5
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3627	139	58	15	0	0	0	0	0	

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.1 NO. OF CASES= 3586.

STATION 007 43.45N 78.45W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3968	2	1	.	.	.	.	.	.	3971
0.25-0.49	.	1209	34	3	.	.	.	.	.	.	1246
0.50-0.74	.	689	33	19	2	.	.	.	.	.	745
0.75-0.99	.	87	7	10	.	.	.	.	.	.	104
1.00-1.24	.	1	132	.	.	.	.	.	.	.	133
1.25-1.49	.	.	23	.	.	.	.	.	.	.	23
1.50-1.74	.	.	5	12	.	.	.	.	.	.	17
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5954	238	46	2	0	0	0	0	0	5842.

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.1 NO. OF CASES= 5842.

STATION 007 43.45N 78.45W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3436	4	2	.	.	.	.	.	.	3440
0.25-0.49	.	1576	10	2	.	.	.	.	.	.	1588
0.50-0.74	.	1212	22	13	.	.	.	.	.	.	1247
0.75-0.99	.	142	25	5	.	.	.	.	.	.	172
1.00-1.24	.	3	93	1	2	.	.	.	.	.	99
1.25-1.49	.	.	27	1	.	.	.	.	.	.	28
1.50-1.74	.	.	6	14	.	.	.	.	.	.	20
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6369	187	36	3	0	0	0	0	0	6174.

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.0 NO. OF CASES= 6174.

STATION 007 43.45N 78.45W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3696	4	.	.	.	.	.	.	.	3700
0.25-0.49	.	1859	33	1	.	.	.	.	.	.	1893
0.50-0.74	.	1987	21	14	.	.	.	.	.	.	2022
0.75-0.99	.	373	95	9	2	.	.	.	.	.	479
1.00-1.24	.	3	158	3	4	.	.	.	.	.	168
1.25-1.49	.	.	91	24	.	.	.	.	.	.	115
1.50-1.74	.	.	.	69	.	.	.	.	.	.	69
1.75-1.99	.	.	.	18	1	.	.	.	.	.	19
2.00-2.24	.	.	.	5	.	.	.	.	.	.	5
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	7918	402	143	9	0	0	0	0	0	7929.

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.1 NO. OF CASES= 7929.

STATION 007 43.45N 78.45W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4213	38	.	.	.	.	.	.	.	4251
0.25-0.49	.	2873	217	6	.	.	.	.	.	.	3096
0.50-0.74	.	3116	736	94	.	.	.	.	.	.	3946
0.75-0.99	.	704	562	213	2	.	.	.	.	.	1481
1.00-1.24	.	5	556	356	39	.	.	.	.	.	956
1.25-1.49	.	.	187	237	47	.	.	.	.	.	471
1.50-1.74	.	.	20	363	106	.	.	.	.	.	489
1.75-1.99	.	.	.	142	96	3	.	.	.	.	241
2.00-2.24	.	.	.	40	163	10	.	.	.	.	213
2.25-2.49	.	.	.	6	89	7	1	.	.	.	103
2.50-2.74	.	.	.	.	63	17	1	.	.	.	81
2.75-2.99	.	.	.	.	11	40	.	.	.	.	51
3.00-3.24	.	.	.	.	1	33	.	.	.	.	33
3.25-3.49	.	.	.	.	.	10	2	.	.	.	12
3.50+	.	.	.	.	.	9	.	.	.	.	33
TOTAL	0	10911	2316	1457	617	129	24	0	0	0	14472.

MEAN HS(M) = 0.6 LARGEST HS(M)= 4.8 MEAN TP(SEC)= 3.5 NO. OF CASES= 14472.

STATION 007 43.45N 78.45W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4890	6	.	.	.	.	.	.	.	4896
0.25-0.49	.	3282	172	2	.	.	.	.	.	.	3456
0.50-0.74	.	1384	1676	260	.	.	.	.	.	.	3320
0.75-0.99	.	122	838	852	2	.	.	.	.	.	1814
1.00-1.24	.	.	444	1218	78	.	.	.	.	.	1740
1.25-1.49	.	.	21	504	196	.	.	.	.	.	721
1.50-1.74	.	.	.	352	441	.	.	.	.	.	794
1.75-1.99	.	.	.	51	229	21	.	.	.	.	301
2.00-2.24	.	.	.	10	284	59	.	.	.	.	353
2.25-2.49	.	.	.	1	149	10	2	.	.	.	162
2.50-2.74	.	.	.	.	77	132	1	.	.	.	210
2.75-2.99	.	.	.	.	3	130	.	.	.	.	133
3.00-3.24	.	.	.	.	.	117	.	.	.	.	118
3.25-3.49	.	.	.	.	.	34	11	.	.	.	45
3.50+	.	.	.	.	.	9	99	.	.	.	108
TOTAL	0	9678	3157	3250	1459	513	114	0	0	0	

MEAN HS(M) = 0.7 LARGEST HS(M)= 5.0 MEAN TP(SEC)= 3.9 NO. OF CASES= 17010.

STATION 007 43.45N 78.45W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2291	.	.	.	.	.	.	.	.	2291
0.25-0.49	.	2131	31	.	.	.	.	.	.	.	2162
0.50-0.74	.	791	807	83	.	.	.	.	.	.	1681
0.75-0.99	.	27	373	366	1	.	.	.	.	.	767
1.00-1.24	.	1	165	558	32	.	.	.	.	.	756
1.25-1.49	.	.	4	255	58	.	.	.	.	.	317
1.50-1.74	.	.	.	144	119	.	.	.	.	.	263
1.75-1.99	.	.	.	24	68	8	.	.	.	.	100
2.00-2.24	.	.	.	1	110	4	.	.	.	.	115
2.25-2.49	.	.	.	.	50	3	.	.	.	.	53
2.50-2.74	.	.	.	.	25	33	.	.	.	.	58
2.75-2.99	.	.	.	.	.	26	.	.	.	.	26
3.00-3.24	.	.	.	.	.	23	.	.	.	.	23
3.25-3.49	.	.	.	.	.	10	2	.	.	.	12
3.50+	.	.	.	.	.	2	10	.	.	.	12
TOTAL	0	5241	1380	1431	463	109	12	0	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 4.0 MEAN TP(SEC)= 3.7 NO. OF CASES= 8089.

STATION 007 43.45N 78.45W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1364	3	1	.	.	.	.	.	.	1368
0.25-0.49	.	1282	17	.	.	.	.	.	.	.	1299
0.50-0.74	.	496	479	25	.	.	.	.	.	.	1000
0.75-0.99	.	27	229	151	1	.	.	.	.	.	408
1.00-1.24	.	1	93	258	2	.	.	.	.	.	354
1.25-1.49	.	.	3	152	14	.	.	.	.	.	169
1.50-1.74	.	.	.	84	35	.	.	.	.	.	119
1.75-1.99	.	.	.	9	26	.	.	.	.	.	35
2.00-2.24	.	.	.	.	53	.	.	.	.	.	53
2.25-2.49	.	.	.	.	18	.	.	.	.	.	18
2.50-2.74	.	.	.	.	7	1	.	.	.	.	8
2.75-2.99	.	.	.	.	.	10	.	.	.	.	10
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3170	824	680	156	12	0	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 3.6 NO. OF CASES= 4539.

STATION 007 43.45N 78.45W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1047	.	.	.	.	.	.	.	.	1047
0.25-0.49	.	752	16	1	.	.	.	.	.	.	769
0.50-0.74	.	406	301	21	.	.	.	.	.	.	728
0.75-0.99	.	17	218	50	.	.	.	.	.	.	285
1.00-1.24	.	.	142	112	2	.	.	.	.	.	256
1.25-1.49	.	.	1	62	2	.	.	.	.	.	65
1.50-1.74	.	.	.	38	7	.	.	.	.	.	45
1.75-1.99	.	.	.	7	20	.	.	.	.	.	27
2.00-2.24	.	.	.	.	10	1	.	.	.	.	11
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	2	1	.	.	.	.	3
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	1	.	.	.	.	1
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2222	678	291	45	4	0	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 3.4 NO. OF CASES= 3036.

STATION 007 43.45N 78.45W FOR ALL DIRECTIONS  
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

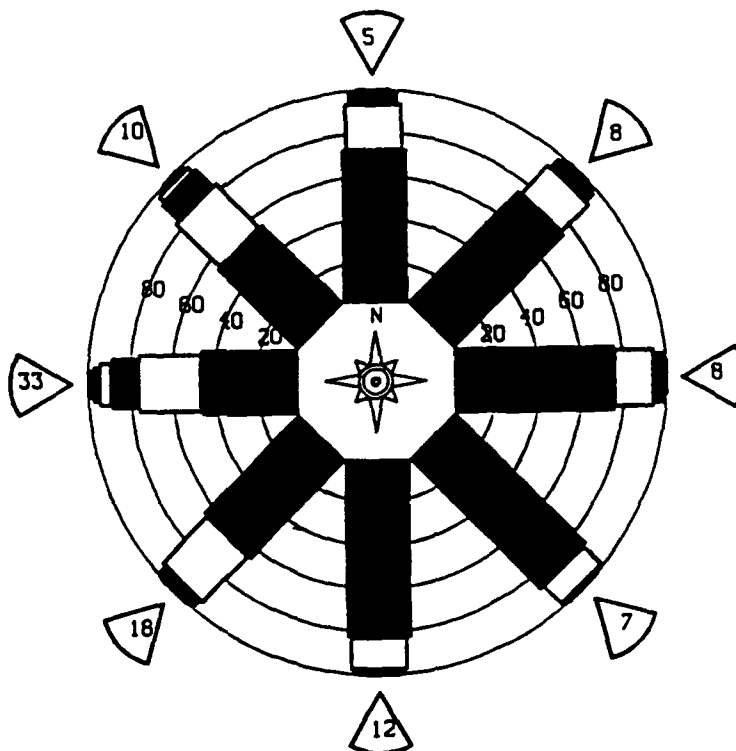
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4117	7	.	.	.	.	.	.	.	4124
0.25-0.49	.	2058	72	1	.	.	.	.	.	.	2131
0.50-0.74	.	1230	520	75	.	.	.	.	.	.	1825
0.75-0.99	.	166	294	204	1	.	.	.	.	.	665
1.00-1.24	.	1	216	296	21	.	.	.	.	.	534
1.25-1.49	.	.	37	139	37	.	.	.	.	.	213
1.50-1.74	.	.	3	118	78	.	.	.	.	.	199
1.75-1.99	.	.	.	25	47	.	.	.	.	.	75
2.00-2.24	.	.	.	5	66	.	.	.	.	.	79
2.25-2.49	.	.	.	.	32	.	.	.	.	.	34
2.50-2.74	.	.	.	.	18	.	.	.	.	.	37
2.75-2.99	.	.	.	.	1	.	.	.	.	.	22
3.00-3.24	.	.	.	.	.	21	.	.	.	.	18
3.25-3.49	.	.	.	.	.	18	.	.	.	.	6
3.50+	.	.	.	.	.	13	.	.	.	.	15
TOTAL	0	7572	1149	863	301	78	14	0	0	0	93504

MEAN HS(M)= 0.5 LARGEST HS(M)= 5.0 MEAN TP(SEC)= 3.4 TOTAL CASES= 93504.

STATION 7  
43.45N, 78.45 W  
93504 CASES



OVER 3.0 M  
2.5-2.9 M  
2.0-2.4 M  
1.5-1.9 M  
1.0-1.4 M  
0.5-0.9 M  
0.0-0.4 M



MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 007 (43.45N 78.45W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.0	0.5	0.0	0.5	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0
1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.7	0.6	0.6	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 007 (43.45N 78.45W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.9	3.7	2.1	1.8	1.8	1.7	1.2	1.0	1.3	1.1	2.3	1.8	
1957	1.6	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1958	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1959	1.6	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1960	1.6	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1961	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1962	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1963	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1964	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1965	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1966	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1967	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1968	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1969	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1970	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1971	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1972	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1973	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1974	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1975	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1976	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1977	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1978	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1979	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1980	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1981	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1982	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1983	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1984	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1985	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1986	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1987	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	

32 YR. STATISTICS FOR WIS STATION 007

MEAN SIGNIFICANT WAVE HEIGHT . . . . .	(METERS)	0.5
MEAN PEAK WAVE PERIOD . . . . .	(SECONDS)	3.4
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND . . .	(DEGREES)	270.0
STANDARD DEVIATION OF WAVE HS . . . . .	(METERS)	0.5
STANDARD DEVIATION OF WAVE TP . . . . .	(SECONDS)	0.9
LARGEST WAVE HS . . . . .	(METERS)	5.0
WAVE TP ASSOCIATED WITH LARGEST WAVE HS . . . . .	(SECONDS)	8.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS . . .	(DEGREES)	271.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		68120600

STATION 008 43.45N 78.25W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1378	1	.	.	.	.	.	.	.	1379
0.25-0.49	.	563	23	.	.	.	.	.	.	.	586
0.50-0.74	.	223	131	17	.	.	.	.	.	.	371
0.75-0.99	.	5	72	11	1	.	.	.	.	.	89
1.00-1.24	.	.	77	21	2	.	.	.	.	.	100
1.25-1.49	.	.	2	18	1	.	.	.	.	.	21
1.50-1.74	.	.	.	16	.	.	.	.	.	.	16
1.75-1.99	.	.	.	3	4	.	.	.	.	.	7
2.00-2.24	.	.	.	.	2	.	.	.	.	.	2
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2169	306	86	11	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.2 NO. OF CASES= 2411.

STATION 008 43.45N 78.25W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1242	.	.	.	.	.	.	.	.	1242
0.25-0.49	.	449	8	.	.	.	.	.	.	.	457
0.50-0.74	.	157	122	16	.	.	.	.	.	.	295
0.75-0.99	.	4	43	27	.	.	.	.	.	.	74
1.00-1.24	.	.	22	36	1	.	.	.	.	.	59
1.25-1.49	.	.	.	8	7	.	.	.	.	.	15
1.50-1.74	.	.	.	3	7	.	.	.	.	.	10
1.75-1.99	.	.	.	.	2	.	.	.	.	.	2
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	1	.	.	.	.	1
2.75-2.99	.	.	.	.	.	2	.	.	.	.	2
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1852	195	90	18	3	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 3.2 NO. OF CASES= 2025.

STATION 008 43.45N 78.25W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1907	1	.	.	.	.	.	.	.	1908
0.25-0.49	.	856	17	.	.	.	.	.	.	.	873
0.50-0.74	.	314	224	24	.	.	.	.	.	.	562
0.75-0.99	.	17	106	108	.	.	.	.	.	.	231
1.00-1.24	.	.	42	145	7	.	.	.	.	.	194
1.25-1.49	.	.	1	34	14	.	.	.	.	.	49
1.50-1.74	.	.	.	20	26	.	.	.	.	.	46
1.75-1.99	.	.	.	1	17	.	.	.	.	.	18
2.00-2.24	.	.	.	.	21	2	.	.	.	.	23
2.25-2.49	.	.	.	.	6	1	.	.	.	.	7
2.50-2.74	.	.	.	.	2	6	.	.	.	.	8
2.75-2.99	.	.	.	.	.	5	.	.	.	.	5
3.00-3.24	.	.	.	.	.	3	.	.	.	.	3
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3094	391	332	93	17	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 3.4 NO. OF CASES= 3682.

STATION 008 43.45N 78.25W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1689	.	.	.	.	.	.	.	.	1689
0.25-0.49	.	944	27	.	.	.	.	.	.	.	971
0.50-0.74	.	394	272	24	.	.	.	.	.	.	690
0.75-0.99	.	18	160	82	.	.	.	.	.	.	260
1.00-1.24	.	.	45	121	7	.	.	.	.	.	173
1.25-1.49	.	.	.	40	17	.	.	.	.	.	58
1.50-1.74	.	.	.	20	17	.	.	.	.	.	37
1.75-1.99	.	.	.	.	5	1	.	.	.	.	6
2.00-2.24	.	.	.	.	11	.	.	.	.	.	11
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	2	1	.	.	.	.	3
2.75-2.99	.	.	.	.	.	1	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3043	505	287	60	3	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.3 NO. OF CASES= 3656.



STATION 008 43.45N 78.25W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2308	2	.	.	.	.	.	.	.	2310
0.25-0.49	.	958	23	.	.	.	.	.	.	.	981
0.50-0.74	.	379	205	34	.	.	.	.	.	.	618
0.75-0.99	.	16	91	63	.	.	.	.	.	.	170
1.00-1.24	.	.	39	81	9	.	.	.	.	.	129
1.25-1.49	.	.	.	14	4	.	.	.	.	.	18
1.50-1.74	.	.	.	7	5	.	.	.	.	.	12
1.75-1.99	.	.	.	.	4	.	.	.	.	.	4
2.00-2.24	.	.	.	.	2	1	.	.	.	.	3
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	1	.	.	.	.	1
3.00-3.24	.	.	.	.	.	2	.	.	.	.	2
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3661	360	199	25	4	0	0	0	0	3981
MEAN HS(M) = 0.3      LARGEST HS(M)= 3.2      MEAN TP(SEC)= 3.2      NO. OF CASES= 3981.											

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 3.2 NO. OF CASES= 3981.

STATION 008 43.45N 78.25W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1723	.	.	.	.	.	.	.	.	1723
0.25-0.49	.	458	17	.	.	.	.	.	.	.	475
0.50-0.74	.	139	80	20	.	.	.	.	.	.	239
0.75-0.99	.	8	26	28	.	.	.	.	.	.	62
1.00-1.24	.	.	6	34	5	.	.	.	.	.	45
1.25-1.49	.	.	2	.	6	.	.	.	.	.	8
1.50-1.74	.	.	.	1	3	.	.	.	.	.	4
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	1	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2328	131	84	14	1	0	0	0	0	2398
MEAN HS(M) = 0.2      LARGEST HS(M)= 2.2      MEAN TP(SEC)= 3.1      NO. OF CASES= 2398.											

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.1 NO. OF CASES= 2398.

STATION 008 43.45N 78.25W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2496	4	.	.	.	.	.	.	.	2500
0.25-0.49	.	514	31	1	.	.	.	.	.	.	546
0.50-0.74	.	251	88	32	.	.	.	.	.	.	371
0.75-0.99	.	29	25	24	1	.	.	.	.	.	79
1.00-1.24	.	1	17	14	8	.	.	.	.	.	40
1.25-1.49	.	.	5	4	3	.	.	.	.	.	12
1.50-1.74	.	.	.	1	1	.	.	.	.	.	2
1.75-1.99	.	.	.	.	1	1	.	.	.	.	2
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3291	170	76	14	1	0	0	0	0	3328
MEAN HS(M) = 0.2      LARGEST HS(M)= 1.9      MEAN TP(SEC)= 3.1      NO. OF CASES= 3328.											

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.1 NO. OF CASES= 3328.

STATION 008 43.45N 78.25W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2528	2	1	.	.	.	.	.	.	2530
0.25-0.49	.	636	39	1	.	.	.	.	.	.	676
0.50-0.74	.	388	52	21	.	.	.	.	.	.	461
0.75-0.99	.	47	9	12	3	.	.	.	.	.	71
1.00-1.24	.	1	37	12	3	.	.	.	.	.	53
1.25-1.49	.	.	6	1	2	.	.	.	.	.	9
1.50-1.74	.	.	2	.	.	.	.	.	.	.	2
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3600	147	47	8	0	0	0	0	0	3561.
MEAN RS(M) = 0.2      LARGEST RS(M)= 1.6      MEAN TP(SEC)= 3.1      NO. OF CASES= 3561.											

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.1 NO. OF CASES= 3561.

STATION 008 43.45N 78.25W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	3917	3	.	.	.	.	.	.	.	3920
0.25-0.49	.	1136	29	3	.	.	.	.	.	.	1168
0.50-0.74	.	617	47	22	.	.	.	.	.	.	686
0.75-0.99	.	70	13	13	1	.	.	.	.	.	87
1.00-1.24	.	1	114	.	2	.	.	.	.	.	117
1.25-1.49	.	.	20	3	.	.	.	.	.	.	20
1.50-1.74	.	.	9	.	.	.	.	.	.	.	12
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5741	225	41	3	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.1 NO. OF CASES= 5626.

STATION 008 43.45N 78.25W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	3296	3	.	.	.	.	.	.	.	3299
0.25-0.49	.	1506	11	.	.	.	.	.	.	.	1517
0.50-0.74	.	1010	17	10	.	.	.	.	.	.	1037
0.75-0.99	.	100	19	6	.	.	.	.	.	.	125
1.00-1.24	.	.	73	.	.	.	.	.	.	.	73
1.25-1.49	.	.	18	1	2	.	.	.	.	.	21
1.50-1.74	.	.	1	7	.	.	.	.	.	.	8
1.75-1.99	.	.	.	2	.	.	.	.	.	.	2
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5912	142	26	2	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.0 NO. OF CASES= 5693.

STATION 008 43.45N 78.25W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	3715	3	.	.	.	.	.	.	.	3718
0.25-0.49	.	1672	16	1	.	.	.	.	.	.	1689
0.50-0.74	.	1639	16	7	.	.	.	.	.	.	1663
0.75-0.99	.	224	68	7	.	.	.	.	.	.	299
1.00-1.24	.	3	112	6	2	.	.	.	.	.	123
1.25-1.49	.	.	63	7	.	.	.	.	.	.	70
1.50-1.74	.	.	1	35	.	.	.	.	.	.	36
1.75-1.99	.	.	.	8	.	.	.	.	.	.	8
2.00-2.24	.	.	.	2	.	.	.	.	.	.	2
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	7253	279	74	4	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.1 NO. OF CASES= 7122.

STATION 008 43.45N 78.25W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	4073	34	1	.	.	.	.	.	.	4108
0.25-0.49	.	2872	203	4	.	.	.	.	.	.	3079
0.50-0.74	.	2969	496	95	.	.	.	.	.	.	3560
0.75-0.99	.	571	457	177	7	.	.	.	.	.	1212
1.00-1.24	.	3	531	216	36	.	.	.	.	.	785
1.25-1.49	.	.	171	144	51	.	.	.	.	.	366
1.50-1.74	.	.	22	263	86	1	.	.	.	.	372
1.75-1.99	.	.	.	108	62	3	.	.	.	.	173
2.00-2.24	.	.	.	33	94	19	.	.	.	.	146
2.25-2.49	.	.	.	.	44	7	1	.	.	.	52
2.50-2.74	.	.	.	.	38	26	.	.	.	.	64
2.75-2.99	.	.	.	.	2	31	2	.	.	.	35
3.00-3.24	.	.	.	.	.	29	.	.	.	.	29
3.25-3.49	.	.	.	.	.	7	4	.	.	.	11
3.50+	.	.	.	.	.	1	14	.	.	.	15
TOTAL	0	10488	1914	1041	420	124	21	0	0	0	0

MEAN HS(M) = 0.6 LARGEST HS(M)= 5.0 MEAN TP(SEC)= 3.4 NO. OF CASES= 13112.

STATION 008 43.45N 78.25W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	6198	22	.	.	.	.	.	.	.	6220
0.25-0.49	.	3828	445	11	.	.	.	.	.	.	4284
0.50-0.74	.	1482	2175	471	.	.	.	.	.	.	4129
0.75-0.99	.	139	849	1103	9	.	.	.	.	.	2100
1.00-1.24	.	1	421	1307	223	.	.	.	.	.	1952
1.25-1.49	.	.	27	424	329	.	.	.	.	.	780
1.50-1.74	.	.	2	305	571	21	.	.	.	.	899
1.75-1.99	.	.	.	56	222	52	.	.	.	.	330
2.00-2.24	.	.	.	9	272	124	3	.	.	.	408
2.25-2.49	.	.	.	2	155	33	1	.	.	.	191
2.50-2.74	.	.	.	.	79	135	1	.	.	.	215
2.75-2.99	.	.	.	.	2	119	.	.	.	.	121
3.00-3.24	.	.	.	.	1	133	8	.	.	.	142
3.25-3.49	.	.	.	.	.	40	29	.	.	.	69
3.50+	.	.	.	.	.	10	159	.	.	.	169
TOTAL	0	11648	3942	3688	1863	667	201	0	0	0	

MEAN HS(M) = 0.7 LARGEST HS(M)= 5.0 MEAN TP(SEC)= 3.9 NO. OF CASES= 20599.

STATION 008 43.45N 78.25W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2669	.	.	.	.	.	.	.	.	2669
0.25-0.49	.	2241	59	.	.	.	.	.	.	.	2300
0.50-0.74	.	725	913	126	.	.	.	.	.	.	1764
0.75-0.99	.	45	351	423	.	.	.	.	.	.	819
1.00-1.24	.	2	156	613	41	.	.	.	.	.	812
1.25-1.49	.	.	3	260	88	.	.	.	.	.	351
1.50-1.74	.	.	.	163	137	.	.	.	.	.	300
1.75-1.99	.	.	.	16	93	6	.	.	.	.	115
2.00-2.24	.	.	.	1	96	20	.	.	.	.	117
2.25-2.49	.	.	.	.	63	2	.	.	.	.	65
2.50-2.74	.	.	.	.	24	27	.	.	.	.	51
2.75-2.99	.	.	.	.	1	24	.	.	.	.	28
3.00-3.24	.	.	.	.	.	7	.	.	.	.	25
3.25-3.49	.	.	.	.	.	1	5	.	.	.	12
3.50+	.	.	.	.	.	1	18	.	.	.	13
TOTAL	0	5682	1482	1602	543	114	18	0	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 4.5 MEAN TP(SEC)= 3.7 NO. OF CASES= 8843.

STATION 008 43.45N 78.25W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1595	.	.	.	.	.	.	.	.	1595
0.25-0.49	.	1265	42	.	.	.	.	.	.	.	1307
0.50-0.74	.	525	490	55	.	.	.	.	.	.	1067
0.75-0.99	.	25	267	151	2	.	.	.	.	.	441
1.00-1.24	.	.	78	256	7	.	.	.	.	.	336
1.25-1.49	.	.	3	173	7	.	.	.	.	.	183
1.50-1.74	.	.	.	87	18	.	.	.	.	.	105
1.75-1.99	.	.	.	7	25	.	.	.	.	.	32
2.00-2.24	.	.	.	.	43	.	.	.	.	.	43
2.25-2.49	.	.	.	.	16	.	.	.	.	.	16
2.50-2.74	.	.	.	.	9	2	.	.	.	.	11
2.75-2.99	.	.	.	.	.	3	.	.	.	.	3
3.00-3.24	.	.	.	.	.	2	.	.	.	.	2
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3405	880	729	120	7	0	0	0	0	

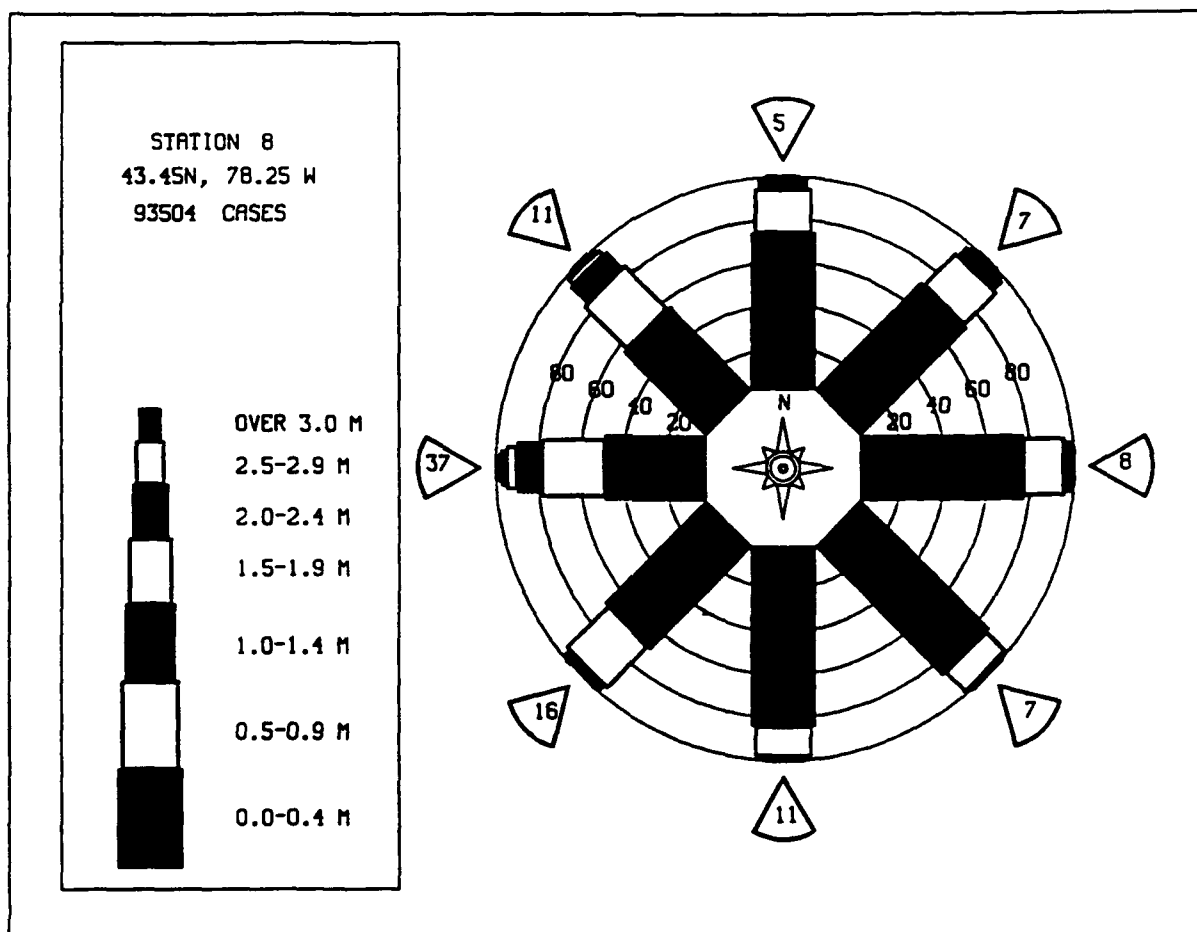
MEAN HS(M) = 0.5 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 3.5 NO. OF CASES= 4818.

STATION 008 43.45N 78.25W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1106	.	.	.	.	.	.	.	.	1106
0.25-0.49	.	604	13	.	.	.	.	.	.	.	617
0.50-0.74	.	298	254	17	.	.	.	.	.	.	569
0.75-0.99	.	11	204	26	2	.	.	.	.	.	243
1.00-1.24	.	.	111	73	2	.	.	.	.	.	186
1.25-1.49	.	.	.	49	1	.	.	.	.	.	50
1.50-1.74	.	.	.	25	2	.	.	.	.	.	27
1.75-1.99	.	.	.	8	6	.	.	.	.	.	14
2.00-2.24	.	.	.	.	7	.	.	.	.	.	7
2.25-2.49	.	.	.	.	3	.	.	.	.	.	3
2.50-2.74	.	.	.	.	2	.	.	.	.	.	2
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2019	582	198	25	0	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.4 NO. OF CASES= 2649.

STATION 008 43.45N 78.25W FOR ALL DIRECTIONS										
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
HEIGHT (METRES)	PEAK PERIOD (SECONDS)									
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER
0.00-0.24		4184	7							4191
0.25-0.49		2051	101	2						2154
0.50-0.74		1151	559	99						1809
0.75-0.99		133	275	227	2					637
1.00-1.24			188	294	35					518
1.25-1.49			32	118	53					203
1.50-1.74			3	96	87					188
1.75-1.99				21	44	2				71
2.00-2.24				4	55	16				75
2.25-2.49					29	4				33
2.50-2.74					15	20				35
2.75-2.99						19				19
3.00-3.24						19				19
3.25-3.49						5	3			8
3.50+						1	18			19
TOTAL	0	7520	1165	861	320	92	21	0	0	0
MEAN HS(M)=	0.5	LARGEST HS(M)=	5.0	MEAN TP(SEC)=	3.4	TOTAL CASES=	93504.			



MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 008 (43.45N 78.25W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	0.0	0.5	0.5	0.5	0.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 008 (43.45N 78.25W)

YEAR	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1957	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1958	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1959	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1960	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1961	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1962	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1963	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1964	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1965	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1966	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1967	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1968	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1969	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1970	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1971	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1972	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1973	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1974	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1975	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1976	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1977	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1978	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1979	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1980	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1981	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1982	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1983	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1984	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1985	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1986	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1987	1.1	0.6	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	

32 YR. STATISTICS FOR WIS STATION 008

MEAN SIGNIFICANT WAVE HEIGHT	(METERS)	0.5
MEAN PEAK WAVE PERIOD	(SECONDS)	3.4
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND	(DEGREES)	270.0
STANDARD DEVIATION OF WAVE HS	(METERS)	0.5
STANDARD DEVIATION OF WAVE TP	(SECONDS)	0.9
LARGEST WAVE HS	(METERS)	5.0
WAVE TP ASSOCIATED WITH LARGEST WAVE HS	(SECONDS)	9.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS	(DEGREES)	262.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		75022612

STATION 009 43.46N 78.05W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1151	.	.	.	.	.	.	.	.	1151
0.25-0.49	.	570	6	.	.	.	.	.	.	.	576
0.50-0.74	.	242	139	14	.	.	.	.	.	.	395
0.75-0.99	.	3	102	28	.	.	.	.	.	.	133
1.00-1.24	.	.	23	79	3	.	.	.	.	.	105
1.25-1.49	.	.	2	29	4	.	.	.	.	.	33
1.50-1.74	.	.	.	14	2	.	.	.	.	.	18
1.75-1.99	.	.	.	2	6	.	.	.	.	.	8
2.00-2.24	.	.	.	.	8	.	.	.	.	.	8
2.25-2.49	.	.	.	.	3	.	.	.	.	.	3
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	1	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1966	272	166	26	1	0	0	0	0	2282

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.3 NO. OF CASES= 2282.

STATION 009 43.46N 78.05W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	982	.	.	.	.	.	.	.	.	982
0.25-0.49	.	332	10	.	.	.	.	.	.	.	342
0.50-0.74	.	157	111	6	.	.	.	.	.	.	274
0.75-0.99	.	7	45	28	.	.	.	.	.	.	80
1.00-1.24	.	.	19	44	.	.	.	.	.	.	63
1.25-1.49	.	.	.	17	3	.	.	.	.	.	20
1.50-1.74	.	.	.	8	5	.	.	.	.	.	13
1.75-1.99	.	.	.	2	3	.	.	.	.	.	5
2.00-2.24	.	.	.	.	2	.	.	.	.	.	2
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	2	.	.	.	.	.	2
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1478	185	105	15	0	0	0	0	0	1675

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.3 NO. OF CASES= 1675.

STATION 009 43.46N 78.05W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1772	.	.	.	.	.	.	.	.	1772
0.25-0.49	.	905	9	.	.	.	.	.	.	.	914
0.50-0.74	.	349	209	25	.	.	.	.	.	.	583
0.75-0.99	.	21	131	82	.	.	.	.	.	.	234
1.00-1.24	.	.	57	136	5	.	.	.	.	.	198
1.25-1.49	.	.	1	62	2	.	.	.	.	.	65
1.50-1.74	.	.	.	31	5	.	.	.	.	.	36
1.75-1.99	.	.	.	6	10	.	.	.	.	.	16
2.00-2.24	.	.	.	.	28	.	.	.	.	.	28
2.25-2.49	.	.	.	.	5	.	.	.	.	.	5
2.50-2.74	.	.	.	.	12	1	.	.	.	.	13
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3047	407	342	67	1	0	0	0	0	3623

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.3 NO. OF CASES= 3623.

STATION 009 43.46N 78.05W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1419	.	.	.	.	.	.	.	.	1419
0.25-0.49	.	791	21	.	.	.	.	.	.	.	812
0.50-0.74	.	319	256	23	.	.	.	.	.	.	598
0.75-0.99	.	11	113	69	.	.	.	.	.	.	193
1.00-1.24	.	.	33	106	9	.	.	.	.	.	148
1.25-1.49	.	.	2	34	7	.	.	.	.	.	43
1.50-1.74	.	.	.	14	10	.	.	.	.	.	24
1.75-1.99	.	.	.	2	5	.	.	.	.	.	7
2.00-2.24	.	.	.	.	4	.	.	.	.	.	4
2.25-2.49	.	.	.	.	3	.	.	.	.	.	3
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2540	425	248	38	0	0	0	0	0	3049

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.3 NO. OF CASES= 3049.

STATION 009 43.46N 78.05W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	2127	.	.	.	.	.	.	.	.	2127
0.25-0.49	.	1049	27	.	.	.	.	.	.	.	1076
0.50-0.74	.	352	234	37	.	.	.	.	.	.	623
0.75-0.99	.	9	67	71	.	.	.	.	.	.	147
1.00-1.24	.	.	40	62	3	.	.	.	.	.	105
1.25-1.49	.	.	.	21	6	.	.	.	.	.	27
1.50-1.74	.	.	.	1	3	.	.	.	.	.	4
1.75-1.99	.	.	.	.	1	1	.	.	.	.	2
2.00-2.24	.	.	.	.	.	1	.	.	.	.	1
2.25-2.49	.	.	.	.	.	1	.	.	.	.	2
2.50-2.74	.	.	.	.	.	1	.	.	.	.	1
2.75-2.99	.	.	.	.	.	2	.	.	.	.	2
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3537	368	192	19	5	0	0	0	0	3860

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 3.2 NO. OF CASES= 3860.

STATION 009 43.46N 78.05W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1808	.	.	.	.	.	.	.	.	1808
0.25-0.49	.	637	16	.	.	.	.	.	.	.	653
0.50-0.74	.	175	102	20	.	.	.	.	.	.	297
0.75-0.99	.	12	42	32	.	.	.	.	.	.	86
1.00-1.24	.	.	14	38	6	.	.	.	.	.	58
1.25-1.49	.	.	1	4	10	.	.	.	.	.	15
1.50-1.74	.	.	.	5	5	.	.	.	.	.	10
1.75-1.99	.	.	.	1	2	1	.	.	.	.	3
2.00-2.24	.	.	.	.	2	.	.	.	.	.	3
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2632	175	100	25	1	0	0	0	0	2750

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 3.2 NO. OF CASES= 2750.

STATION 009 43.46N 78.05W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	2269	1	.	.	.	.	.	.	.	2270
0.25-0.49	.	620	36	1	.	.	.	.	.	.	657
0.50-0.74	.	270	100	26	.	.	.	.	.	.	396
0.75-0.99	.	33	24	14	.	.	.	.	.	.	71
1.00-1.24	.	.	19	31	6	.	.	.	.	.	56
1.25-1.49	.	.	9	2	3	.	.	.	.	.	14
1.50-1.74	.	.	.	1	1	.	.	.	.	.	2
1.75-1.99	.	.	.	.	1	.	.	.	.	.	1
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3192	189	75	12	0	0	0	0	0	3249

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.1 NO. OF CASES= 3249.

STATION 009 43.46N 78.05W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	2099	2	.	.	.	.	.	.	.	2101
0.25-0.49	.	608	18	.	.	.	.	.	.	.	626
0.50-0.74	.	408	60	24	.	.	.	.	.	.	492
0.75-0.99	.	51	18	13	3	.	.	.	.	.	85
1.00-1.24	.	2	48	9	2	.	.	.	.	.	61
1.25-1.49	.	.	4	2	.	.	.	.	.	.	6
1.50-1.74	.	.	5	1	1	.	.	.	.	.	7
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3188	155	49	6	0	0	0	0	0	3165

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.1 NO. OF CASES= 3165.

STATION 009 43.46N 78.05W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	3675	2	.	.	.	.	.	.	.	3677
0.25-0.49	.	1136	21	1	.	.	.	.	.	.	1158
0.50-0.74	.	655	32	12	.	.	.	.	.	.	689
0.75-0.99	.	97	5	4	.	.	.	.	.	.	106
1.00-1.24	.	2	112	3	1	.	.	.	.	.	118
1.25-1.49	.	.	24	1	.	.	.	.	.	.	25
1.50-1.74	.	.	5	2	.	.	.	.	.	.	7
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5565	201	23	1	0	0	0	0	0	5420.

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.0 NO. OF CASES= 5420.

STATION 009 43.46N 78.05W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	3319	2	.	.	.	.	.	.	.	3321
0.25-0.49	.	1458	11	.	.	.	.	.	.	.	1469
0.50-0.74	.	912	16	10	.	.	.	.	.	.	938
0.75-0.99	.	64	19	1	.	.	.	.	.	.	84
1.00-1.24	.	.	69	.	1	.	.	.	.	.	70
1.25-1.49	.	.	8	.	1	.	.	.	.	.	9
1.50-1.74	.	.	1	4	.	.	.	.	.	.	5
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5753	126	16	2	0	0	0	0	0	5519.

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.0 NO. OF CASES= 5519.

STATION 009 43.46N 78.05W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	3672	1	.	.	.	.	.	.	.	3673
0.25-0.49	.	1513	6	.	.	.	.	.	.	.	1519
0.50-0.74	.	1329	19	4	1	.	.	.	.	.	1353
0.75-0.99	.	154	54	4	.	.	.	.	.	.	212
1.00-1.24	.	5	91	6	3	.	.	.	.	.	105
1.25-1.49	.	.	50	11	1	.	.	.	.	.	62
1.50-1.74	.	.	1	27	.	.	.	.	.	.	28
1.75-1.99	.	.	.	4	.	.	.	.	.	.	4
2.00-2.24	.	.	.	2	.	.	.	.	.	.	2
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6673	222	58	6	0	0	0	0	0	6514.

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.1 NO. OF CASES= 6514.

STATION 009 43.46N 78.05W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4074	23	1	.	.	.	.	.	.	4098
0.25-0.49	.	2806	155	8	.	.	.	.	.	.	2969
0.50-0.74	.	2475	313	94	3	.	.	.	.	.	2885
0.75-0.99	.	476	366	112	33	.	.	.	.	.	957
1.00-1.24	.	.	421	182	35	.	.	.	.	.	642
1.25-1.49	.	.	149	177	37	.	.	.	.	.	298
1.50-1.74	.	.	11	208	48	1	.	.	.	.	268
1.75-1.99	.	.	.	102	37	5	.	.	.	.	144
2.00-2.24	.	.	.	31	57	11	.	.	.	.	109
2.25-2.49	.	.	.	2	35	5	.	.	.	.	44
2.50-2.74	.	.	.	.	25	14	2	.	.	.	39
2.75-2.99	.	.	.	.	1	16	.	.	.	.	17
3.00-3.24	.	.	.	.	1	19	1	.	.	.	21
3.25-3.49	.	.	.	.	.	8	4	.	.	.	12
3.50+	.	.	.	.	.	2	6	.	.	.	8
TOTAL	0	9835	1438	857	287	81	13	0	0	0	11715.

MEAN HS(M) = 0.5 LARGEST HS(M)= 4.5 MEAN TP(SEC)= 3.4 NO. OF CASES= 11715.



STATION 009 43.46N 78.05W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	7141	50	.	.	.	.	.	.	.	7191
0.25-0.49	.	4512	722	23	.	.	.	.	.	.	5257
0.50-0.74	.	1642	2505	713	3	.	.	.	.	.	4863
0.75-0.99	.	151	934	1238	28	.	.	.	.	.	2351
1.00-1.24	.	.	520	1296	37	.	.	.	.	.	2193
1.25-1.49	.	.	40	422	41	.	.	.	.	.	874
1.50-1.74	.	.	2	304	22	1	.	.	.	.	923
1.75-1.99	.	.	.	56	26	112	.	.	.	.	396
2.00-2.24	.	.	.	6	298	201	5	.	.	.	510
2.25-2.49	.	.	.	.	133	50	10	.	.	.	193
2.50-2.74	.	.	.	.	77	156	9	.	.	.	242
2.75-2.99	.	.	.	.	.	97	5	.	.	.	105
3.00-3.24	.	.	.	.	1	145	13	.	.	.	159
3.25-3.49	.	.	.	.	.	33	50	.	.	.	83
3.50+	.	.	.	.	.	3	207	.	.	.	210
TOTAL	0	13450	4773	4058	2150	820	299	0	0	0	

MEAN HS(M) = 0.7 LARGEST HS(M)= 5.4 MEAN TP(SEC)= 3.9 NO. OF CASES= 23911.

STATION 009 43.46N 78.05W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2626	.	.	.	.	.	.	.	.	2626
0.25-0.49	.	2418	78	.	.	.	.	.	.	.	2496
0.50-0.74	.	827	966	177	.	.	.	.	.	.	1970
0.75-0.99	.	51	402	423	2	.	.	.	.	.	878
1.00-1.24	.	.	201	642	63	.	.	.	.	.	906
1.25-1.49	.	.	4	321	88	1	.	.	.	.	414
1.50-1.74	.	.	.	207	168	2	.	.	.	.	377
1.75-1.99	.	.	.	25	109	12	.	.	.	.	146
2.00-2.24	.	.	.	2	117	20	1	.	.	.	140
2.25-2.49	.	.	.	.	66	5	.	.	.	.	71
2.50-2.74	.	.	.	.	41	26	1	.	.	.	68
2.75-2.99	.	.	.	.	.	33	.	.	.	.	33
3.00-3.24	.	.	.	.	.	38	2	.	.	.	40
3.25-3.49	.	.	.	.	.	5	7	.	.	.	12
3.50+	.	.	.	.	.	.	25	.	.	.	25
TOTAL	0	5922	1651	1797	654	142	36	0	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 4.8 MEAN TP(SEC)= 3.8 NO. OF CASES= 9554.

STATION 009 43.46N 78.05W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1639	.	.	.	.	.	.	.	.	1639
0.25-0.49	.	1273	27	.	.	.	.	.	.	.	1300
0.50-0.74	.	558	460	45	.	.	.	.	.	.	1063
0.75-0.99	.	28	295	104	.	.	.	.	.	.	427
1.00-1.24	.	1	139	234	2	.	.	.	.	.	376
1.25-1.49	.	.	1	183	3	.	.	.	.	.	187
1.50-1.74	.	.	.	87	11	.	.	.	.	.	98
1.75-1.99	.	.	.	13	20	.	.	.	.	.	33
2.00-2.24	.	.	.	2	48	.	.	.	.	.	50
2.25-2.49	.	.	.	.	14	.	.	.	.	.	14
2.50-2.74	.	.	.	.	16	2	.	.	.	.	18
2.75-2.99	.	.	.	.	.	2	.	.	.	.	2
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3499	922	668	114	5	0	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 3.5 NO. OF CASES= 4881.

STATION 009 43.46N 78.05W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1052	.	.	.	.	.	.	.	.	1052
0.25-0.49	.	515	12	1	.	.	.	.	.	.	528
0.50-0.74	.	280	185	8	.	.	.	.	.	.	473
0.75-0.99	.	11	157	21	1	.	.	.	.	.	190
1.00-1.24	.	.	69	93	.	.	.	.	.	.	162
1.25-1.49	.	.	1	38	1	.	.	.	.	.	40
1.50-1.74	.	.	.	22	1	.	.	.	.	.	23
1.75-1.99	.	.	.	3	5	.	.	.	.	.	8
2.00-2.24	.	.	.	.	10	.	.	.	.	.	10
2.25-2.49	.	.	.	.	5	.	.	.	.	.	5
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1858	424	186	24	0	0	0	0	0	

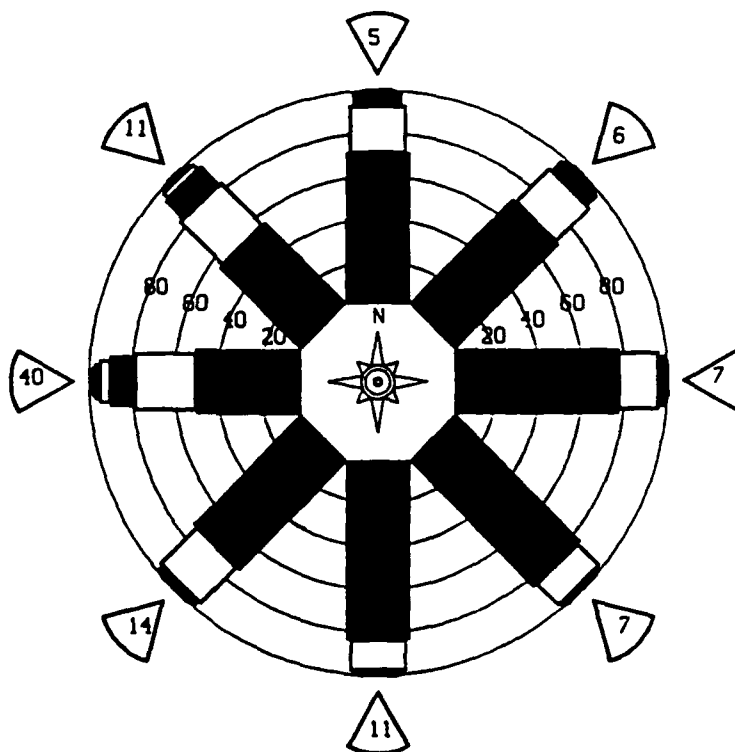
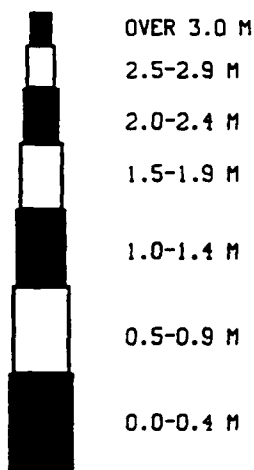
MEAN HS(M) = 0.4 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.4 NO. OF CASES= 2337.

STATION 009 43.46N 78.05W FOR ALL DIRECTIONS  
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4083	8	.	.	.	.	.	.	.	4091
0.25-0.49	.	2114	118	3	.	.	.	.	.	.	2235
0.50-0.74	.	1095	571	124	.	.	.	.	.	.	1790
0.75-0.99	.	118	278	225	3	.	.	.	.	.	624
1.00-1.24	.	1	188	296	51	.	.	.	.	.	536
1.25-1.49	.	.	30	127	57	.	.	.	.	.	214
1.50-1.74	.	.	2	94	86	2	.	.	.	.	184
1.75-1.99	.	.	.	22	43	13	.	.	.	.	78
2.00-2.24	.	.	.	4	59	23	.	.	.	.	86
2.25-2.49	.	.	.	.	26	6	1	.	.	.	33
2.50-2.74	.	.	.	.	17	20	1	.	.	.	38
2.75-2.99	.	.	.	.	.	14	.	.	.	.	14
3.00-3.24	.	.	.	.	.	20	.	.	.	.	21
3.25-3.49	.	.	.	.	.	4	.	.	.	.	10
3.50+	.	.	.	.	.	.	26	.	.	.	23
TOTAL	0	7411	1195	895	342	102	32	0	0	0	93504

MEAN HS(M)= 0.5 LARGEST HS(M)= 5.4 MEAN TP(SEC)= 3.5 TOTAL CASES= 93504.

STATION 9  
43.46N, 78.05 W  
93504 CASES



MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 009 (43.46N 78.05W)

	MONTH												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.5	0.6	0.6	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.5	0.5	0.4
1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.7	0.7	0.6	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 009 (43.46N 78.05W)

	MONTH												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	1.5	3.9	3.4	2.0	2.2	1.6	1.2	1.1	1.7	2.2	2.5	1.8	
1957	1.9	1.8	2.2	2.4	2.0	2.4	1.8	0.8	1.3	2.2	1.7	1.8	
1958	2.8	3.5	2.2	2.0	1.5	2.0	2.0	1.1	1.1	2.3	3.3	2.3	
1959	4.5	2.6	4.7	2.3	1.1	1.9	1.5	1.1	1.1	2.6	3.3	2.6	
1960	2.0	3.3	1.3	2.9	1.4	2.2	1.7	1.1	1.1	2.7	2.2	1.1	
1961	2.9	4.1	2.2	3.7	1.9	1.1	0.9	1.1	2.2	2.1	2.5	3.3	
1962	3.5	2.7	2.2	3.2	2.2	1.6	0.6	1.1	2.2	1.6	3.3	4.4	
1963	4.5	4.1	3.5	4.8	2.1	2.2	2.2	2.2	2.2	2.7	2.2	2.7	
1964	3.9	3.7	3.5	4.0	2.2	2.3	1.6	1.1	2.2	2.7	2.2	2.2	
1965	3.4	3.4	2.6	3.0	1.9	2.2	2.5	2.0	2.6	3.2	3.2	1.1	
1966	4.5	3.7	3.7	1.9	2.0	1.1	2.2	1.1	2.6	3.5	2.2	2.4	
1967	2.3	3.6	3.8	3.4	2.2	1.1	1.4	1.1	2.2	2.7	2.2	2.7	
1968	3.4	4.2	3.3	3.5	2.3	1.1	1.5	1.1	2.2	2.7	2.2	2.7	
1969	4.0	4.0	3.5	3.7	2.3	1.1	1.8	2.2	2.2	3.3	3.3	1.1	
1970	2.1	2.7	4.1	3.0	1.5	1.1	1.6	2.2	2.6	3.3	3.3	2.2	
1971	4.5	5.3	3.6	2.6	2.7	1.1	1.8	1.1	2.2	2.2	3.3	3.8	
1972	3.5	4.4	3.6	1.9	1.9	1.1	1.8	2.2	2.2	3.3	3.3	4.4	
1973	4.3	3.3	3.3	2.8	2.0	2.2	2.0	1.1	3.3	3.3	3.3	4.4	
1974	4.3	3.3	3.3	2.8	2.0	2.2	2.0	1.1	3.3	3.3	3.3	4.4	
1975	3.3	3.3	3.3	2.8	2.0	2.2	2.0	1.1	3.3	3.3	3.3	4.4	
1976	3.3	3.3	3.3	2.8	2.0	2.2	2.0	1.1	3.3	3.3	3.3	4.4	
1977	4.2	2.9	3.4	3.3	2.2	1.1	4.0	1.4	2.2	3.3	3.3	2.2	
1978	4.1	2.4	3.0	3.2	2.0	1.1	1.8	1.5	2.2	3.3	3.3	2.2	
1979	3.3	3.3	2.2	4.9	1.5	1.1	0.8	2.2	2.2	3.3	3.3	2.2	
1980	4.6	2.6	2.6	2.6	2.0	1.1	1.4	1.1	2.2	3.3	3.3	4.4	
1981	2.7	3.3	2.7	3.6	1.5	1.1	1.4	1.1	2.2	3.3	3.3	2.6	
1982	3.5	4.5	4.5	4.5	1.3	1.1	1.9	1.3	2.2	3.3	3.3	4.4	
1983	3.2	2.8	2.8	2.0	2.5	1.1	1.7	1.1	2.2	3.3	3.3	3.3	
1984	2.5	2.4	2.4	1.8	2.9	1.1	1.2	0.7	1.1	3.3	3.3	3.3	
1985	3.3	2.1	3.3	2.5	1.9	2.7	1.2	1.4	1.1	3.3	3.3	3.3	
1986	3.1	3.0	3.3	1.8	2.4	1.1	1.4	1.1	1.1	3.3	3.3	3.3	
1987	3.3	2.0	2.4	2.7	2.3	2.1	0.9	0.8	1.6	1.7	2.4	3.0	

32 YR. STATISTICS FOR WIS STATION 009

MEAN SIGNIFICANT WAVE HEIGHT	(METERS)	0.5
MEAN PEAK WAVE PERIOD	(SECONDS)	3.5
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND	(DEGREES)	270.0
STANDARD DEVIATION OF WAVE HS	(METERS)	0.5
STANDARD DEVIATION OF WAVE TP	(SECONDS)	0.9
LARGEST WAVE HS	(METERS)	5.4
WAVE TP ASSOCIATED WITH LARGEST WAVE HS	(SECONDS)	9.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS	(DEGREES)	272.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		68120603

STATION 010 43.46N 77.85W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1106	.	.	.	.	.	.	.	.	1106
0.25-0.49	.	594	5	.	.	.	.	.	.	.	599
0.50-0.74	.	232	132	13	.	.	.	.	.	.	377
0.75-0.99	.	9	108	29	.	.	.	.	.	.	146
1.00-1.24	.	.	27	79	3	.	.	.	.	.	109
1.25-1.49	.	.	3	33	.	.	.	.	.	.	36
1.50-1.74	.	.	.	21	9	.	.	.	.	.	30
1.75-1.99	.	.	.	1	6	.	.	.	.	.	7
2.00-2.24	.	.	.	.	13	.	.	.	.	.	13
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	2	1	.	.	.	.	3
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1941	275	176	34	1	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.3 NO. OF CASES= 2278.

STATION 010 43.46N 77.85W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	745	.	.	.	.	.	.	.	.	745
0.25-0.49	.	311	3	.	.	.	.	.	.	.	314
0.50-0.74	.	176	93	4	.	.	.	.	.	.	273
0.75-0.99	.	16	60	20	.	.	.	.	.	.	96
1.00-1.24	.	.	25	39	.	.	.	.	.	.	64
1.25-1.49	.	.	.	17	.	.	.	.	.	.	17
1.50-1.74	.	.	.	11	4	.	.	.	.	.	15
1.75-1.99	.	.	.	.	5	.	.	.	.	.	5
2.00-2.24	.	.	.	.	2	.	.	.	.	.	2
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	2	.	.	.	.	.	2
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1248	181	91	13	0	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.3 NO. OF CASES= 1439.

STATION 010 43.46N 77.85W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1811	.	.	.	.	.	.	.	.	1811
0.25-0.49	.	956	8	.	.	.	.	.	.	.	964
0.50-0.74	.	382	204	19	.	.	.	.	.	.	605
0.75-0.99	.	24	164	78	.	.	.	.	.	.	266
1.00-1.24	.	.	65	128	4	.	.	.	.	.	197
1.25-1.49	.	.	2	67	3	.	.	.	.	.	72
1.50-1.74	.	.	.	33	8	.	.	.	.	.	41
1.75-1.99	.	.	.	4	8	.	.	.	.	.	12
2.00-2.24	.	.	.	.	27	.	.	.	.	.	27
2.25-2.49	.	.	.	.	9	.	.	.	.	.	9
2.50-2.74	.	.	.	.	8	1	.	.	.	.	9
2.75-2.99	.	.	.	.	.	2	.	.	.	.	2
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3173	443	329	67	4	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 3.3 NO. OF CASES= 3764.

STATION 010 43.46N 77.85W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1284	.	.	.	.	.	.	.	.	1284
0.25-0.49	.	776	13	.	.	.	.	.	.	.	789
0.50-0.74	.	294	227	22	.	.	.	.	.	.	543
0.75-0.99	.	17	106	57	.	.	.	.	.	.	180
1.00-1.24	.	.	38	88	6	.	.	.	.	.	132
1.25-1.49	.	.	1	33	6	.	.	.	.	.	40
1.50-1.74	.	.	.	14	11	.	.	.	.	.	25
1.75-1.99	.	.	.	3	5	.	.	.	.	.	8
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2371	385	217	30	0	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.3 NO. OF CASES= 2817.

STATION 010 43.46N 77.85W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2037	.	.	.	.	.	.	.	.	2037
0.25-0.49	.	1036	22	.	.	.	.	.	.	.	1058
0.50-0.74	.	355	242	33	.	.	.	.	.	.	630
0.75-0.99	.	12	70	69	.	.	.	.	.	.	151
1.00-1.24	.	.	33	56	5	.	.	.	.	.	94
1.25-1.49	.	.	.	20	4	.	.	.	.	.	24
1.50-1.74	.	.	.	9	4	.	.	.	.	.	13
1.75-1.99	.	.	.	.	1	.	.	.	.	.	1
2.00-2.24	.	.	.	.	2	.	.	.	.	.	2
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	3	.	.	.	.	3
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3440	367	187	17	3	0	0	0	0	3760.

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 3.2 NO. OF CASES= 3760.

STATION 010 43.46N 77.85W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1736	.	.	.	.	.	.	.	.	1736
0.25-0.49	.	763	14	1	.	.	.	.	.	.	778
0.50-0.74	.	216	114	26	.	.	.	.	.	.	356
0.75-0.99	.	16	55	25	.	.	.	.	.	.	96
1.00-1.24	.	.	25	37	5	.	.	.	.	.	67
1.25-1.49	.	.	1	7	5	.	.	.	.	.	13
1.50-1.74	.	.	.	9	8	.	.	.	.	.	17
1.75-1.99	.	.	.	3	2	.	.	.	.	.	5
2.00-2.24	.	.	.	1	2	1	.	.	.	.	4
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2731	209	109	23	1	0	0	0	0	2882.

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.2 NO. OF CASES= 2882.

STATION 010 43.46N 77.85W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2165	.	.	.	.	.	.	.	.	2165
0.25-0.49	.	628	31	.	.	.	.	.	.	.	659
0.50-0.74	.	278	117	18	1	.	.	.	.	.	413
0.75-0.99	.	42	42	20	1	.	.	.	.	.	105
1.00-1.24	.	1	26	31	2	.	.	.	.	.	60
1.25-1.49	.	.	10	9	3	.	.	.	.	.	22
1.50-1.74	.	.	1	3	8	.	.	.	.	.	12
1.75-1.99	.	.	.	1	1	.	.	.	.	.	2
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3114	227	82	16	0	0	0	0	0	3223.

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 3.1 NO. OF CASES= 3223.

STATION 010 43.46N 77.85W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1777	1	.	.	.	.	.	.	.	1778
0.25-0.49	.	644	13	1	.	.	.	.	.	.	658
0.50-0.74	.	437	59	9	.	.	.	.	.	.	505
0.75-0.99	.	78	32	7	.	.	.	.	.	.	117
1.00-1.24	.	5	59	11	.	.	.	.	.	.	75
1.25-1.49	.	.	12	3	1	.	.	.	.	.	16
1.50-1.74	.	.	7	2	3	.	.	.	.	.	12
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2941	183	34	4	0	0	0	0	0	2965.

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.1 NO. OF CASES= 2965.

STATION 010 43.46N 77.85W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3489	.	.	.	.	.	.	.	.	3489
0.25-0.49	.	1318	17	.	.	.	.	.	.	.	1335
0.50-0.74	.	743	32	10	.	.	.	.	.	.	785
0.75-0.99	.	111	4	4	.	.	.	.	.	.	119
1.00-1.24	.	5	121	4	.	.	.	.	.	.	130
1.25-1.49	.	.	22	.	.	.	.	.	.	.	22
1.50-1.74	.	.	6	4	.	.	.	.	.	.	10
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5666	202	22	0	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.0 NO. OF CASES= 5513.

STATION 010 43.46N 77.85W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3136	.	.	.	.	.	.	.	.	3136
0.25-0.49	.	1471	6	.	.	.	.	.	.	.	1477
0.50-0.74	.	945	19	6	.	.	.	.	.	.	970
0.75-0.99	.	88	10	3	.	.	.	.	.	.	101
1.00-1.24	.	1	69	.	.	.	.	.	.	.	70
1.25-1.49	.	.	13	1	1	.	.	.	.	.	15
1.50-1.74	.	.	1	3	.	.	.	.	.	.	4
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5641	118	14	1	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.0 NO. OF CASES= 5405.

STATION 010 43.46N 77.85W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3524	.	.	.	.	.	.	.	.	3524
0.25-0.49	.	1363	12	.	.	.	.	.	.	.	1375
0.50-0.74	.	1158	12	3	.	.	.	.	.	.	1173
0.75-0.99	.	152	35	2	.	.	.	.	.	.	189
1.00-1.24	.	5	114	3	3	.	.	.	.	.	125
1.25-1.49	.	.	43	7	.	.	.	.	.	.	50
1.50-1.74	.	.	1	38	.	.	.	.	.	.	39
1.75-1.99	.	.	.	10	.	.	.	.	.	.	10
2.00-2.24	.	.	.	2	.	.	.	.	.	.	2
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6202	217	65	4	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.1 NO. OF CASES= 6075.

STATION 010 43.46N 77.85W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3627	28	2	.	.	.	.	.	.	3657
0.25-0.49	.	2594	106	14	.	.	.	.	.	.	2714
0.50-0.74	.	2091	228	63	5	.	.	.	.	.	2387
0.75-0.99	.	480	319	87	7	.	.	.	.	.	893
1.00-1.24	.	5	392	170	28	.	.	.	.	.	595
1.25-1.49	.	.	57	229	20	.	.	.	.	.	306
1.50-1.74	.	.	7	226	45	2	.	.	.	.	280
1.75-1.99	.	.	.	66	21	6	.	.	.	.	95
2.00-2.24	.	.	.	26	89	6	.	.	.	.	121
2.25-2.49	.	.	.	1	67	1	.	.	.	.	50
2.50-2.74	.	.	.	.	36	18	1	.	.	.	54
2.75-2.99	.	.	.	.	3	12	.	.	.	.	15
3.00-3.24	.	.	.	.	2	24	1	.	.	.	27
3.25-3.49	.	.	.	.	.	6	1	.	.	.	7
3.50+	.	.	.	.	.	4	7	.	.	.	11
TOTAL	0	8797	1237	784	303	79	10	0	0	0	0

MEAN HS(M) = 0.5 LARGEST HS(M)= 5.0 MEAN TP(SEC)= 3.4 NO. OF CASES= 10501.

STATION 010 43.46N 77.85W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	7474	71	.	.	.	.	.	.	.	7545
0.25-0.49	.	5086	1073	47	.	.	.	.	.	.	6206
0.50-0.74	.	1675	2539	1093	.	.	.	.	.	.	5308
0.75-0.99	.	182	887	1278	52	.	.	.	.	.	2400
1.00-1.24	.	.	543	1285	525	.	.	.	.	.	2355
1.25-1.49	.	.	51	407	459	3	.	.	.	.	920
1.50-1.74	.	.	7	300	606	37	.	.	.	.	920
1.75-1.99	.	.	.	68	229	131	.	.	.	.	427
2.00-2.24	.	.	.	7	268	211	.	.	.	.	496
2.25-2.49	.	.	.	.	155	217	10	.	.	.	239
2.50-2.74	.	.	.	.	81	168	18	.	.	.	267
2.75-2.99	.	.	.	.	2	113	7	.	.	.	126
3.00-3.24	.	.	.	.	.	28	.	.	.	.	162
3.25-3.49	.	.	.	.	.	70	.	.	.	.	96
3.50+	.	.	.	.	.	250	.	.	.	.	259
TOTAL	0	14417	5171	4486	2377	904	410	1	0	0	

MEAN HS(M) = 0.7 LARGEST HS(M)= 5.5 MEAN TP(SEC)= 4.0 NO. OF CASES= 25984.

STATION 010 43.46N 77.85W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2341	.	.	.	.	.	.	.	.	2341
0.25-0.49	.	2606	94	1	.	.	.	.	.	.	2701
0.50-0.74	.	854	1015	216	.	.	.	.	.	.	2085
0.75-0.99	.	72	467	429	4	.	.	.	.	.	972
1.00-1.24	.	1	241	645	94	.	.	.	.	.	981
1.25-1.49	.	.	7	349	111	.	.	.	.	.	467
1.50-1.74	.	.	.	213	156	3	.	.	.	.	372
1.75-1.99	.	.	.	118	118	14	.	.	.	.	188
2.00-2.24	.	.	.	56	140	22	1	.	.	.	155
2.25-2.49	.	.	.	2	80	6	2	.	.	.	88
2.50-2.74	.	.	.	.	47	32	2	.	.	.	81
2.75-2.99	.	.	.	.	1	48	.	.	.	.	49
3.00-3.24	.	.	.	.	.	34	2	.	.	.	36
3.25-3.49	.	.	.	.	.	5	9	.	.	.	14
3.50+	.	.	.	.	.	1	36	.	.	.	37
TOTAL	0	5874	1824	1911	751	163	32	0	0	0	

MEAN HS(M) = 0.7 LARGEST HS(M)= 4.9 MEAN TP(SEC)= 3.8 NO. OF CASES= 9904.

STATION 010 43.46N 77.85W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1427	.	.	.	.	.	.	.	.	1427
0.25-0.49	.	1248	26	.	.	.	.	.	.	.	1274
0.50-0.74	.	588	441	36	.	.	.	.	.	.	1065
0.75-0.99	.	23	314	98	.	.	.	.	.	.	435
1.00-1.24	.	.	165	240	5	.	.	.	.	.	410
1.25-1.49	.	.	5	190	3	.	.	.	.	.	198
1.50-1.74	.	.	.	93	16	.	.	.	.	.	109
1.75-1.99	.	.	.	21	24	.	.	.	.	.	45
2.00-2.24	.	.	.	1	42	.	.	.	.	.	43
2.25-2.49	.	.	.	.	21	.	.	.	.	.	21
2.50-2.74	.	.	.	.	14	3	.	.	.	.	17
2.75-2.99	.	.	.	.	.	5	.	.	.	.	5
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3286	951	679	125	9	0	0	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 3.5 NO. OF CASES= 4732.

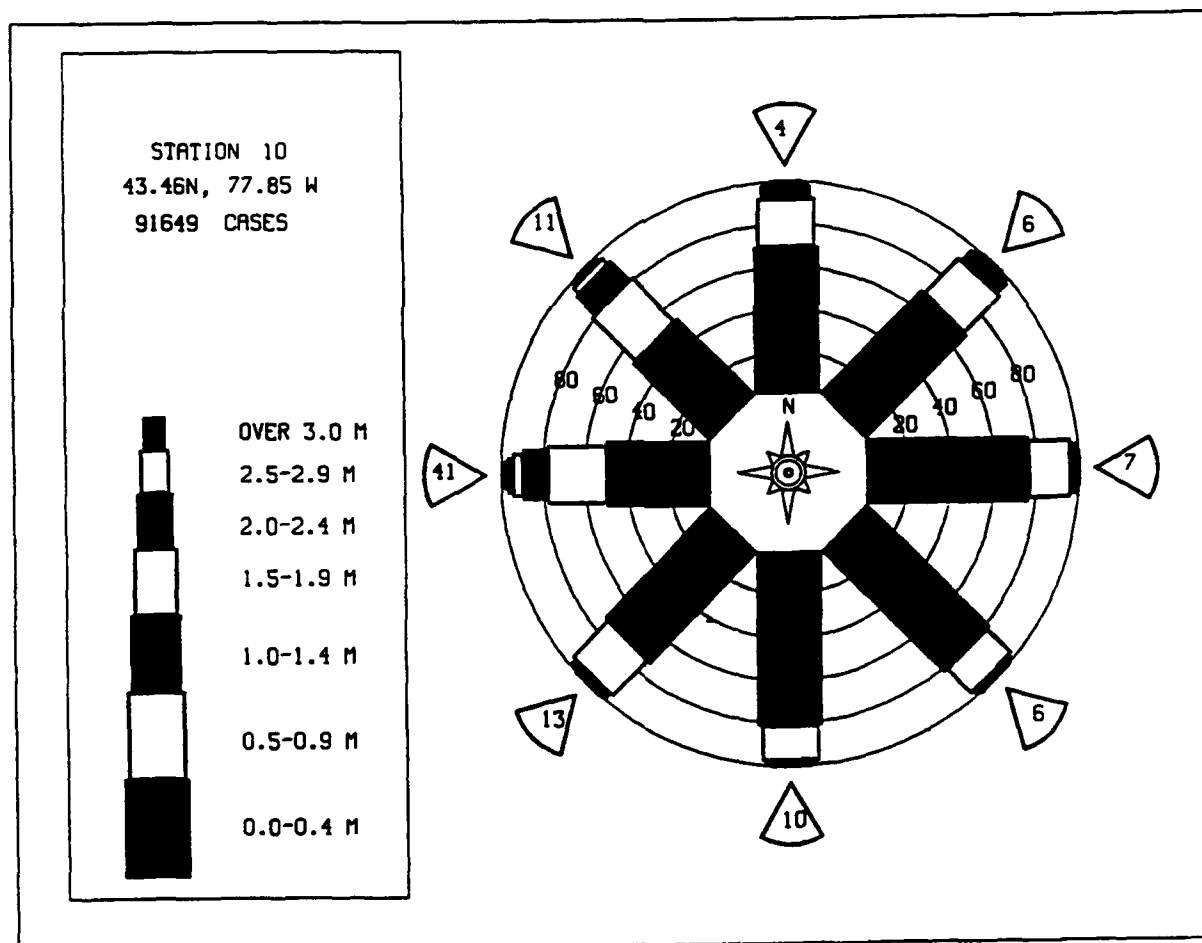
STATION 010 43.46N 77.85W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	950	.	.	.	.	.	.	.	.	950
0.25-0.49	.	556	10	.	.	.	.	.	.	.	566
0.50-0.74	.	270	162	8	.	.	.	.	.	.	440
0.75-0.99	.	10	154	41	1	.	.	.	.	.	206
1.00-1.24	.	.	53	95	.	.	.	.	.	.	148
1.25-1.49	.	.	2	45	.	.	.	.	.	.	47
1.50-1.74	.	.	.	20	3	.	.	.	.	.	23
1.75-1.99	.	.	.	6	11	.	.	.	.	.	13
2.00-2.24	.	.	.	.	5	.	.	.	.	.	11
2.25-2.49	.	.	.	.	1	.	.	.	.	.	5
2.50-2.74	.	.	.	.	.	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1786	381	215	28	0	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.4 NO. OF CASES= 2262.

STATION 010 43.46N 77.85W FOR ALL DIRECTIONS											
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT (METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24	.	3863	10	.	.	.	.	.	.	.	3873
0.25-0.49	.	2195	146	6	.	.	.	.	.	.	2347
0.50-0.74	.	1070	564	158	.	.	.	.	.	.	1792
0.75-0.99	.	134	283	225	6	.	.	.	.	.	648
1.00-1.24	.	2	200	291	68	.	.	.	.	.	561
1.25-1.49	.	.	33	132	61	.	.	.	.	.	226
1.50-1.74	.	.	3	100	88	5	.	.	.	.	196
1.75-1.99	.	.	.	24	42	15	.	.	.	.	81
2.00-2.24	.	.	.	4	60	24	1	.	.	.	89
2.25-2.49	.	.	.	.	32	6	3	.	.	.	41
2.50-2.74	.	.	.	.	19	22	2	.	.	.	43
2.75-2.99	.	.	.	.	.	19	.	.	.	.	19
3.00-3.24	.	.	.	.	.	19	3	.	.	.	22
3.25-3.49	.	.	.	.	.	3	8	.	.	.	11
3.50+	.	.	.	.	.	1	29	.	.	.	30
TOTAL	0	7264	1239	940	376	114	46	0	0	0	93504.
MEAN HS(M)=	0.5	LARGEST HS(M)=	5.5	MEAN TP(SEC)=	3.5	TOTAL CASES=					

MEAN HS(M)= 0.5 LARGEST HS(M)= 5.5 MEAN TP(SEC)= 3.5 TOTAL CASES= 93504.





MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 010 (43.46N 77.85W)

	MONTH												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.4	0.5	0.5	0.5
1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.7	0.7	0.6	0.6	0.4	0.4	0.3	0.3	0.3	0.4	0.5	0.6	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 010 (43.46N 77.85W)

	MONTH												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	1.5	4.0	3.4	2.4	2.5	2.0	1.2	1.1	1.8	2.5	2.7	1.9	
1957	2.0	2.1	2.2	2.6	2.3	2.2	1.7	1.0	1.7	2.4	2.7	2.1	
1958	2.8	3.8	2.2	2.3	2.2	2.5	2.4	1.1	2.4	2.2	2.2	2.2	
1959	4.6	2.9	3.5	2.2	2.6	2.2	1.7	1.4	1.2	2.2	2.2	2.2	
1960	2.1	3.6	1.1	2.2	2.2	2.2	1.1	1.1	1.0	2.2	2.2	2.2	
1961	3.0	4.2	2.2	2.2	2.2	2.2	1.1	1.1	1.1	2.2	2.2	2.2	
1962	3.7	2.9	2.2	2.2	2.2	2.2	1.1	1.1	1.1	2.2	2.2	2.2	
1963	4.3	4.3	3.6	4.4	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1964	4.0	4.0	4.4	3.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1965	3.3	3.6	2.2	3.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1966	3.0	3.8	3.3	3.8	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1967	2.3	3.5	1.1	3.8	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1968	2.3	3.5	1.1	3.8	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1969	4.4	4.2	3.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1970	2.3	2.8	3.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1971	4.8	3.5	3.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1972	3.4	4.6	3.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1973	3.5	3.2	3.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1974	4.3	4.1	3.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1975	4.0	4.2	3.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1976	3.9	4.6	3.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1977	4.2	3.3	3.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1978	4.4	2.6	3.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1979	3.4	3.5	3.4	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1980	4.9	2.6	3.4	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1981	3.0	3.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1982	3.3	3.6	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1983	2.2	3.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1984	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1985	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1986	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1987	3.0	1.8	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	

32 YR. STATISTICS FOR WIS STATION 010

MEAN SIGNIFICANT WAVE HEIGHT	(METERS)	0.5
MEAN PEAK WAVE PERIOD	(SECONDS)	3.5
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND	(DEGREES)	270.0
STANDARD DEVIATION OF WAVE HS	(METERS)	0.5
STANDARD DEVIATION OF WAVE TP	(SECONDS)	1.0
LARGEST WAVE HS	(METERS)	5.5
WAVE TP ASSOCIATED WITH LARGEST WAVE HS	(SECONDS)	10.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS	(DEGREES)	261.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		71022812

STATION 011 43.46N 77.65W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1039	.	.	.	.	.	.	.	.	1039
0.25-0.49	.	595	6	.	.	.	.	.	.	.	601
0.50-0.74	.	244	132	10	.	.	.	.	.	.	386
0.75-0.99	.	12	104	33	.	.	.	.	.	.	149
1.00-1.24	.	.	34	74	3	.	.	.	.	.	111
1.25-1.49	.	.	3	32	4	.	.	.	.	.	39
1.50-1.74	.	.	.	20	7	.	.	.	.	.	27
1.75-1.99	.	.	.	2	8	.	.	.	.	.	10
2.00-2.24	.	.	.	.	11	.	.	.	.	.	11
2.25-2.49	.	.	.	.	1	.	.	.	.	.	2
2.50-2.74	.	.	.	.	2	.	.	.	.	.	1
2.75-2.99	.	.	.	.	1	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1890	279	171	37	0	0	0	0	0	2232

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.3 NO. OF CASES= 2232.

STATION 011 43.46N 77.65W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	683	.	.	.	.	.	.	.	.	683
0.25-0.49	.	309	2	.	.	.	.	.	.	.	311
0.50-0.74	.	204	74	8	.	.	.	.	.	.	286
0.75-0.99	.	12	60	13	.	.	.	.	.	.	85
1.00-1.24	.	.	32	37	.	.	.	.	.	.	69
1.25-1.49	.	.	.	17	.	.	.	.	.	.	18
1.50-1.74	.	.	.	8	1	.	.	.	.	.	9
1.75-1.99	.	.	.	2	3	.	.	.	.	.	5
2.00-2.24	.	.	.	.	2	.	.	.	.	.	2
2.25-2.49	.	.	.	.	.	.	.	.	.	.	1
2.50-2.74	.	.	.	.	2	.	.	.	.	.	2
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1208	168	85	10	0	0	0	0	0	1382

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.3 NO. OF CASES= 1382.

STATION 011 43.46N 77.65W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1756	.	.	.	.	.	.	.	.	1756
0.25-0.49	.	1020	7	.	.	.	.	.	.	.	1027
0.50-0.74	.	404	197	14	.	.	.	.	.	.	615
0.75-0.99	.	28	164	68	.	.	.	.	.	.	260
1.00-1.24	.	.	90	129	3	.	.	.	.	.	222
1.25-1.49	.	.	2	64	4	.	.	.	.	.	70
1.50-1.74	.	.	.	38	6	.	.	.	.	.	44
1.75-1.99	.	.	.	5	9	.	.	.	.	.	14
2.00-2.24	.	.	.	.	23	1	.	.	.	.	24
2.25-2.49	.	.	.	.	9	.	.	.	.	.	9
2.50-2.74	.	.	.	.	10	.	.	.	.	.	10
2.75-2.99	.	.	.	.	.	1	.	.	.	.	1
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3208	460	318	64	3	0	0	0	0	3800

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 3.3 NO. OF CASES= 3800.

STATION 011 43.46N 77.65W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1281	.	.	.	.	.	.	.	.	1281
0.25-0.49	.	772	11	.	.	.	.	.	.	.	783
0.50-0.74	.	291	204	13	.	.	.	.	.	.	508
0.75-0.99	.	13	96	59	.	.	.	.	.	.	168
1.00-1.24	.	.	40	83	9	.	.	.	.	.	132
1.25-1.49	.	.	1	26	1	.	.	.	.	.	27
1.50-1.74	.	.	.	14	7	.	.	.	.	.	21
1.75-1.99	.	.	.	6	1	.	.	.	.	.	7
2.00-2.24	.	.	.	.	3	.	.	.	.	.	3
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2357	352	201	31	0	0	0	0	0	2760

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.3 NO. OF CASES= 2760.

STATION 011 43.46N 77.65W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1934	.	.	.	.	.	.	.	.	1934
0.25-0.49	.	1015	18	.	.	.	.	.	.	.	1033
0.50-0.74	.	345	238	29	.	.	.	.	.	.	612
0.75-0.99	.	14	67	68	.	.	.	.	.	.	149
1.00-1.24	.	.	38	55	2	.	.	.	.	.	95
1.25-1.49	.	.	2	16	2	.	.	.	.	.	20
1.50-1.74	.	.	.	8	7	.	.	.	.	.	15
1.75-1.99	.	.	.	.	3	.	.	.	.	.	3
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	3	.	.	.	.	3
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3308	363	176	15	3	0	0	0	0	3622

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.2 NO. OF CASES= 3622.

STATION 011 43.46N 77.65W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1682	.	.	.	.	.	.	.	.	1682
0.25-0.49	.	818	8	.	.	.	.	.	.	.	826
0.50-0.74	.	255	125	20	.	.	.	.	.	.	400
0.75-0.99	.	16	78	35	.	.	.	.	.	.	129
1.00-1.24	.	.	43	37	2	.	.	.	.	.	82
1.25-1.49	.	.	.	16	2	.	.	.	.	.	18
1.50-1.74	.	.	.	21	.	.	.	.	.	.	21
1.75-1.99	.	.	.	3	4	.	.	.	.	.	7
2.00-2.24	.	.	.	.	5	.	.	.	.	.	5
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2771	254	132	15	0	0	0	0	0	2971

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.2 NO. OF CASES= 2971.

STATION 011 43.46N 77.65W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2080	.	.	.	.	.	.	.	.	2080
0.25-0.49	.	625	23	.	.	.	.	.	.	.	648
0.50-0.74	.	219	135	10	.	.	.	.	.	.	364
0.75-0.99	.	18	80	10	.	.	.	.	.	.	108
1.00-1.24	.	1	70	10	.	.	.	.	.	.	81
1.25-1.49	.	.	3	13	2	.	.	.	.	.	18
1.50-1.74	.	.	.	12	1	.	.	.	.	.	13
1.75-1.99	.	.	.	1	3	.	.	.	.	.	4
2.00-2.24	.	.	.	1	2	.	.	.	.	.	3
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2943	311	57	8	0	0	0	0	0	3111

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 3.1 NO. OF CASES= 3111.

STATION 011 43.46N 77.65W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1751	.	1	.	.	.	.	.	.	1752
0.25-0.49	.	700	11	.	.	.	.	.	.	.	711
0.50-0.74	.	525	78	5	.	.	.	.	.	.	608
0.75-0.99	.	99	55	11	.	.	.	.	.	.	165
1.00-1.24	.	7	82	8	.	.	.	.	.	.	97
1.25-1.49	.	.	9	16	1	.	.	.	.	.	26
1.50-1.74	.	.	4	14	1	.	.	.	.	.	19
1.75-1.99	.	.	.	6	.	.	.	.	.	.	6
2.00-2.24	.	.	.	.	7	.	.	.	.	.	7
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3082	239	61	10	0	0	0	0	0	3180

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.1 NO. OF CASES= 3180.

STATION 011 43.46N 77.65W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3382	.	.	.	.	.	.	.	.	3382
0.25-0.49	.	1380	9	.	.	.	.	.	.	.	1389
0.50-0.74	.	774	27	5	.	.	.	.	.	.	806
0.75-0.99	.	117	.	3	.	.	.	.	.	.	120
1.00-1.24	.	4	134	2	.	.	.	.	.	.	140
1.25-1.49	.	.	31	.	.	.	.	.	.	.	31
1.50-1.74	.	.	6	5	.	.	.	.	.	.	11
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5657	207	16	0	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.0 NO. OF CASES= 5504.

STATION 011 43.46N 77.65W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3031	.	.	.	.	.	.	.	.	3031
0.25-0.49	.	1434	3	.	.	.	.	.	.	.	1437
0.50-0.74	.	896	16	4	.	.	.	.	.	.	916
0.75-0.99	.	91	16	4	.	.	.	.	.	.	111
1.00-1.24	.	2	58	.	.	.	.	.	.	.	60
1.25-1.49	.	.	18	.	.	.	.	.	.	.	18
1.50-1.74	.	.	.	3	.	.	.	.	.	.	3
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5454	111	12	0	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.0 NO. OF CASES= 5219.

STATION 011 43.46N 77.65W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3292	.	.	.	.	.	.	.	.	3292
0.25-0.49	.	1311	7	.	.	.	.	.	.	.	1318
0.50-0.74	.	1136	8	5	1	.	.	.	.	.	1150
0.75-0.99	.	165	34	2	1	.	.	.	.	.	199
1.00-1.24	.	3	115	2	1	.	.	.	.	.	121
1.25-1.49	.	.	48	8	1	.	.	.	.	.	57
1.50-1.74	.	.	1	43	.	.	.	.	.	.	44
1.75-1.99	.	.	.	10	.	.	.	.	.	.	10
2.00-2.24	.	.	.	4	.	.	.	.	.	.	4
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5907	213	72	4	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.1 NO. OF CASES= 5801.

STATION 011 43.46N 77.65W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3216	22	1	.	.	.	.	.	.	3239
0.25-0.49	.	2286	106	8	.	.	.	.	.	.	2410
0.50-0.74	.	1899	233	44	1	.	.	.	.	.	2177
0.75-0.99	.	433	308	101	5	.	.	.	.	.	847
1.00-1.24	.	7	342	147	27	.	.	.	.	.	523
1.25-1.49	.	.	139	136	23	.	.	.	.	.	298
1.50-1.74	.	.	3	228	42	4	.	.	.	.	277
1.75-1.99	.	.	.	60	33	4	.	.	.	.	97
2.00-2.24	.	.	.	22	90	4	.	.	.	.	116
2.25-2.49	.	.	.	.	45	1	.	.	.	.	46
2.50-2.74	.	.	.	.	34	13	.	.	.	.	47
2.75-2.99	.	.	.	.	2	27	.	.	.	.	29
3.00-3.24	.	.	.	.	3	25	2	.	.	.	30
3.25-3.49	.	.	.	.	.	6	.	.	.	.	6
3.50+	.	.	.	.	.	5	7	.	.	.	12
TOTAL	0	7851	1153	747	305	89	9	0	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 5.3 MEAN TP(SEC)= 3.4 NO. OF CASES= 9513.

STATION 011 43.46N 77.65W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0- LONGER	
0.00-0.24	.	7661	108	1	.	.	.	.	.	.	7770
0.25-0.49	.	5472	1334	63	.	.	.	.	.	.	6869
0.50-0.74	.	1606	2538	1403	13	.	.	.	.	.	5560
0.75-0.99	.	223	807	1341	91	.	.	.	.	.	2462
1.00-1.24	.	1	525	1190	657	1	.	.	.	.	2374
1.25-1.49	.	.	47	429	499	13	.	.	.	.	988
1.50-1.74	.	.	7	287	632	161	1	.	.	.	993
1.75-1.99	.	.	.	67	192	161	1	.	.	.	421
2.00-2.24	.	.	.	6	249	240	21	.	.	.	516
2.25-2.49	.	.	.	.	156	49	40	.	.	.	255
2.50-2.74	.	.	.	.	59	190	34	.	.	.	283
2.75-2.99	.	.	.	.	7	117	6	.	.	.	130
3.00-3.24	.	.	.	.	1	120	40	.	.	.	161
3.25-3.49	.	.	.	.	.	25	65	.	.	.	90
3.50+	.	.	.	.	.	5	310	4	.	.	320
TOTAL	0	14963	5366	4787	2556	998	518	4	0	0	

MEAN HS(M) = 0.7 LARGEST HS(M)= 5.8 MEAN TP(SEC)= 4.0 NO. OF CASES= 27317.

STATION 011 43.46N 77.65W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0- LONGER	
0.00-0.24	.	2272	.	.	.	.	.	.	.	.	2272
0.25-0.49	.	2725	129	6	.	.	.	.	.	.	2860
0.50-0.74	.	891	1079	304	.	.	.	.	.	.	2274
0.75-0.99	.	84	484	475	3	.	.	.	.	.	1046
1.00-1.24	.	1	266	637	127	.	.	.	.	.	1031
1.25-1.49	.	.	7	350	143	1	.	.	.	.	501
1.50-1.74	.	.	.	208	190	6	.	.	.	.	404
1.75-1.99	.	.	.	53	99	26	.	.	.	.	178
2.00-2.24	.	.	.	3	143	29	5	.	.	.	180
2.25-2.49	.	.	.	.	85	4	1	.	.	.	90
2.50-2.74	.	.	.	.	52	41	2	.	.	.	95
2.75-2.99	.	.	.	.	1	50	2	.	.	.	51
3.00-3.24	.	.	.	.	.	44	2	.	.	.	46
3.25-3.49	.	.	.	.	.	6	9	.	.	.	15
3.50+	.	.	.	.	.	.	47	.	.	.	47
TOTAL	0	5973	1965	2036	843	207	66	0	0	0	

MEAN HS(M) = 0.7 LARGEST HS(M)= 5.1 MEAN TP(SEC)= 3.9 NO. OF CASES= 10386.

STATION 011 43.46N 77.65W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0- LONGER	
0.00-0.24	.	1264	.	.	.	.	.	.	.	.	1264
0.25-0.49	.	1251	26	.	.	.	.	.	.	.	1277
0.50-0.74	.	582	442	39	.	.	.	.	.	.	1063
0.75-0.99	.	41	256	114	.	.	.	.	.	.	411
1.00-1.24	.	.	141	231	.	.	.	.	.	.	372
1.25-1.49	.	.	3	198	4	.	.	.	.	.	205
1.50-1.74	.	.	1	103	17	.	.	.	.	.	121
1.75-1.99	.	.	.	23	21	.	.	.	.	.	44
2.00-2.24	.	.	.	.	51	.	.	.	.	.	51
2.25-2.49	.	.	.	.	26	.	.	.	.	.	26
2.50-2.74	.	.	.	.	16	6	.	.	.	.	22
2.75-2.99	.	.	.	.	.	2	.	.	.	.	2
3.00-3.24	.	.	.	.	.	2	.	.	.	.	2
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3138	869	708	135	10	0	0	0	0	

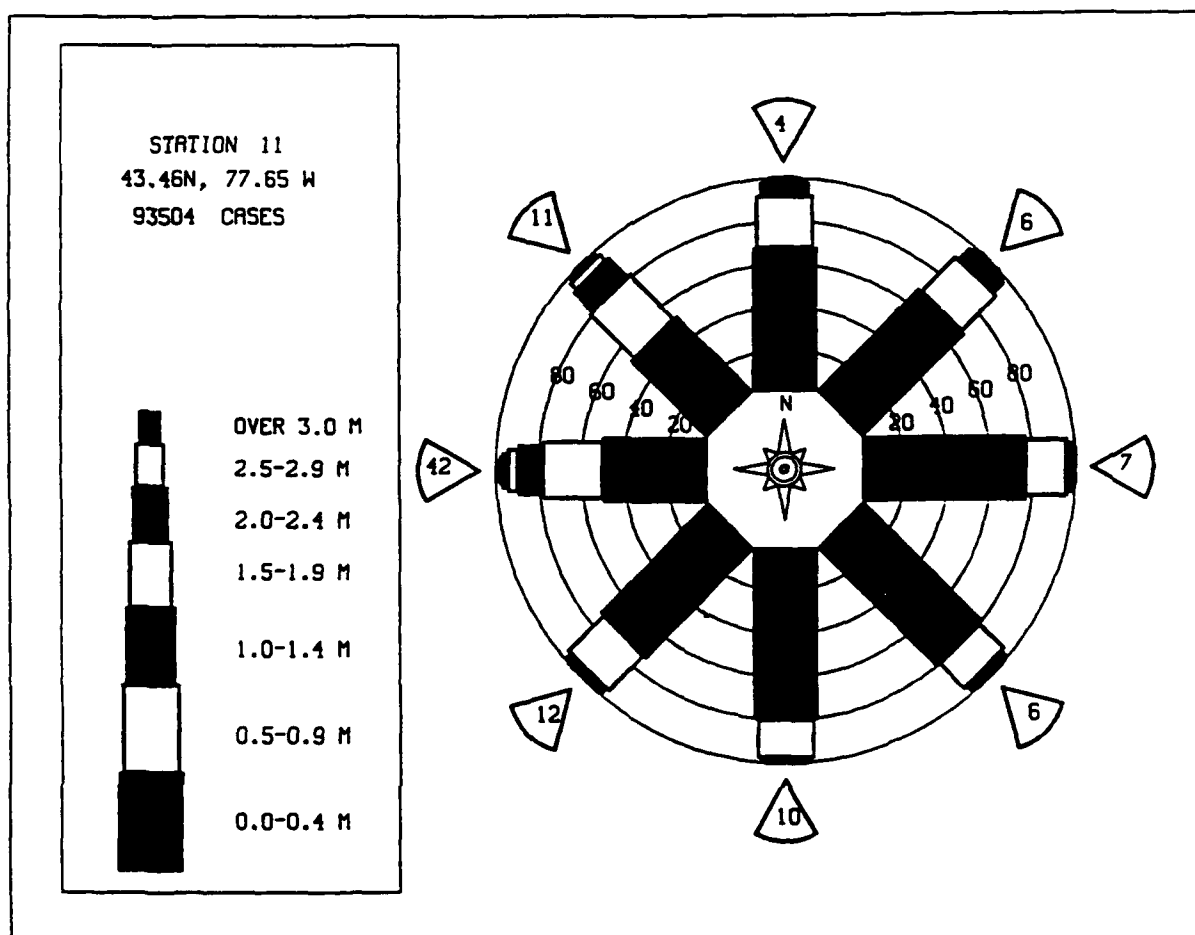
MEAN HS(M) = 0.6 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 3.6 NO. OF CASES= 4554.

STATION 011 43.46N 77.65W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0- LONGER	
0.00-0.24	.	843	.	.	.	.	.	.	.	.	843
0.25-0.49	.	562	7	.	.	.	.	.	.	.	569
0.50-0.74	.	283	139	8	.	.	.	.	.	.	430
0.75-0.99	.	9	150	44	.	.	.	.	.	.	203
1.00-1.24	.	.	48	94	1	.	.	.	.	.	143
1.25-1.49	.	.	1	47	.	.	.	.	.	.	48
1.50-1.74	.	.	.	28	2	.	.	.	.	.	30
1.75-1.99	.	.	.	6	4	.	.	.	.	.	10
2.00-2.24	.	.	.	.	9	.	.	.	.	.	9
2.25-2.49	.	.	.	.	7	.	.	.	.	.	7
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1697	345	227	24	0	0	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.4 NO. OF CASES= 2152.

STATION 011 43.46N 77.65W FOR ALL DIRECTIONS											
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9	LONGER
0.00-0.24	.	3717	13	7	.	.	.	.	.	.	3730
0.25-0.49	.	2229	171	.	.	.	.	.	.	.	2407
0.50-0.74	.	1056	567	193	1	.	.	.	.	.	1817
0.75-0.99	.	138	276	238	10	.	.	.	.	.	662
1.00-1.24	.	2	206	274	83	.	.	.	.	.	565
1.25-1.49	.	.	31	137	69	1	.	.	.	.	238
1.50-1.74	.	.	2	105	91	19	.	.	.	.	205
1.75-1.99	.	.	.	25	38	7	.	.	.	.	82
2.00-2.24	.	.	.	3	60	27	2	.	.	.	92
2.25-2.49	.	.	.	.	33	6	4	.	.	.	43
2.50-2.74	.	.	.	.	18	25	3	.	.	.	46
2.75-2.99	.	.	.	.	1	19	.	.	.	.	20
3.00-3.24	.	.	.	.	.	3	.	.	.	.	23
3.25-3.49	.	.	.	.	.	1	.	.	.	.	10
3.50+	.	.	.	.	.	.	36	.	.	.	37
TOTAL	0	7142	1266	982	404	127	56	0	0	0	
MEAN HS(M)= 0.5 LARGEST HS(M)= 5.8 MEAN TP(SEC)= 3.5 TOTAL CASES= 93504.											



# MEAN HS(METERS) BY MONTH AND YEAR

WIS STATION 011 (43.46N 77.65W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1957	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1958	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1959	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1960	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1961	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1962	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1963	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1964	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1965	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1966	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1967	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1968	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1969	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1970	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1971	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1972	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1973	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1974	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1975	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1976	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1977	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1978	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1979	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1980	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1981	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1982	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1983	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1984	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1985	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1986	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
1987	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
MEAN	0.8	0.7	0.7	0.6	0.4	0.4	0.3	0.3	0.3	0.4	0.6	0.6	

# LARGEST HS(METERS) BY MONTH AND YEAR

WIS STATION 011 (43.46N 77.65W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.5	4.0	3.9	2.8	2.7	2.4	1.3	1.2	1.9	2.5	2.8	1.9	
1957	2.2	2.2	2.2	2.2	2.2	2.2	1.7	1.0	1.9	2.7	2.2	2.2	
1958	3.1	4.0	2.2	2.2	2.2	2.2	2.2	1.2	2.2	2.2	2.2	2.2	
1959	4.8	3.1	3.3	2.2	2.2	2.2	2.2	1.6	1.2	2.2	2.2	2.2	
1960	2.5	3.8	1.1	3.3	1.5	2.2	1.8	1.2	0.9	2.2	2.2	2.2	
1961	2.7	4.2	2.2	3.3	2.2	2.2	1.1	1.3	1.7	2.2	2.2	2.2	
1962	4.0	3.1	2.2	3.3	2.2	2.2	1.1	1.8	2.2	2.2	2.2	2.2	
1963	4.4	4.5	3.3	3.3	2.2	2.2	2.2	3.0	2.2	2.2	2.2	2.2	
1964	4.0	4.1	3.3	3.3	2.2	2.2	2.2	2.0	1.7	2.2	2.2	2.2	
1965	3.2	3.8	3.1	3.3	2.2	2.2	1.3	2.0	1.5	2.2	2.2	2.2	
1966	3.3	4.0	3.3	3.3	2.2	2.2	1.7	2.0	2.2	2.2	2.2	2.2	
1967	2.3	3.6	3.1	3.3	2.2	2.2	1.7	2.2	1.1	2.2	2.2	2.2	
1968	3.8	4.8	3.1	3.3	2.2	2.2	1.3	2.2	1.1	2.2	2.2	2.2	
1969	4.6	4.4	3.3	3.3	2.2	2.2	1.4	2.2	2.2	2.2	2.2	2.2	
1970	2.2	2.8	4.0	2.2	2.2	1.7	1.2	1.8	1.3	2.2	2.2	2.2	
1971	3.1	3.6	3.3	2.2	2.2	1.1	1.6	1.8	1.1	2.2	2.2	2.2	
1972	3.8	4.9	3.3	2.2	2.2	1.1	1.8	1.8	1.1	2.2	2.2	2.2	
1973	3.5	3.4	3.3	2.2	2.2	2.2	2.0	1.1	1.1	2.2	2.2	2.2	
1974	4.5	4.4	3.3	2.2	2.2	2.2	2.7	2.2	2.2	2.2	2.2	2.2	
1975	4.1	3.5	3.3	2.2	2.2	1.6	2.2	2.2	1.5	2.2	2.2	2.2	
1976	4.2	4.8	3.3	2.2	2.2	1.6	2.2	2.2	1.9	2.2	2.2	2.2	
1977	4.0	3.5	3.3	2.2	2.2	2.0	3.9	1.7	2.2	2.2	2.2	2.2	
1978	4.5	2.7	3.1	2.2	2.2	1.7	1.7	1.3	1.9	2.2	2.2	2.2	
1979	3.4	3.8	3.3	2.2	1.9	1.7	1.0	2.1	1.1	2.2	2.2	2.2	
1980	3.2	2.6	3.3	2.2	2.2	2.2	1.4	1.1	2.2	2.2	2.2	2.2	
1981	3.3	4.1	2.2	2.2	1.8	3.5	1.7	1.6	3.2	2.2	2.2	2.2	
1982	3.6	3.6	2.2	2.2	1.5	1.8	2.5	1.4	2.2	2.2	2.2	2.2	
1983	3.1	3.2	3.3	2.2	2.2	1.5	2.2	1.6	1.0	2.2	2.2	2.2	
1984	2.2	2.2	3.3	2.2	2.6	1.1	1.1	0.6	1.3	2.2	2.2	2.2	
1985	3.0	1.9	3.3	2.2	2.6	2.5	1.1	1.0	1.0	2.2	2.2	2.2	
1986	2.8	2.9	3.3	2.2	2.6	1.6	1.3	1.2	1.5	2.2	2.2	2.2	
1987	2.8	1.7	2.2	2.2	2.1	2.0	0.8	0.8	1.3	1.5	2.2	2.2	

# 32 YR. STATISTICS FOR WIS STATION 011

MEAN SIGNIFICANT WAVE HEIGHT . . . . .	(METERS)	0.5
MEAN PEAK WAVE PERIOD . . . . .	(SECONDS)	3.5
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND . .	(DEGREES)	270.0
STANDARD DEVIATION OF WAVE HS . . . . .	(METERS)	0.5
STANDARD DEVIATION OF WAVE TP . . . . .	(SECONDS)	1.0
LARGEST WAVE HS . . . . .	(METERS)	5.8
WAVE TP ASSOCIATED WITH LARGEST WAVE HS . . . . .	(SECONDS)	10.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS . .	(DEGREES)	269.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		72012521

STATION 012 43.32N 77.45W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1181	.	1	.	.	.	.	.	.	1182
0.25-0.49	.	717	12	.	.	.	.	.	.	.	729
0.50-0.74	.	222	162	19	.	.	.	.	.	.	403
0.75-0.99	.	11	98	33	.	.	.	.	.	.	142
1.00-1.24	.	.	56	73	4	.	.	.	.	.	133
1.25-1.49	.	.	1	49	2	.	.	.	.	.	52
1.50-1.74	.	.	.	17	5	.	.	.	.	.	22
1.75-1.99	.	.	.	4	10	.	.	.	.	.	14
2.00-2.24	.	.	.	.	12	.	.	.	.	.	12
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	2	.	.	.	.	.	2
2.75-2.99	.	.	.	.	.	1	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	1	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2131	329	196	36	1	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 3.3 NO. OF CASES= 2527.

STATION 012 43.32N 77.45W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	760	2	.	.	.	.	.	.	.	762
0.25-0.49	.	418	4	.	.	.	.	.	.	.	422
0.50-0.74	.	202	85	9	.	.	.	.	.	.	296
0.75-0.99	.	18	34	22	.	.	.	.	.	.	96
1.00-1.24	.	.	1	38	3	.	.	.	.	.	75
1.25-1.49	.	.	.	22	3	.	.	.	.	.	25
1.50-1.74	.	.	.	6	3	.	.	.	.	.	13
1.75-1.99	.	.	.	2	1	1	.	.	.	.	4
2.00-2.24	.	.	.	.	1	.	.	.	.	.	4
2.25-2.49	.	.	.	.	1	.	.	.	.	.	3
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	2	.	.	.	.	2
3.25-3.49	.	.	.	.	.	.	1	.	.	.	1
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1398	182	99	21	3	1	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 3.3 NO. OF CASES= 1600.

STATION 012 43.32N 77.45W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1983	6	.	.	.	.	.	.	.	1989
0.25-0.49	.	1171	26	.	.	.	.	.	.	.	1197
0.50-0.74	.	374	182	22	.	.	.	.	.	.	588
0.75-0.99	.	26	164	75	.	.	.	.	.	.	265
1.00-1.24	.	.	85	135	17	.	.	.	.	.	237
1.25-1.49	.	.	.	65	19	.	.	.	.	.	84
1.50-1.74	.	.	.	33	17	.	.	.	.	.	50
1.75-1.99	.	.	.	3	12	2	.	.	.	.	17
2.00-2.24	.	.	.	.	21	4	.	.	.	.	25
2.25-2.49	.	.	.	.	8	.	.	.	.	.	8
2.50-2.74	.	.	.	.	3	4	.	.	.	.	8
2.75-2.99	.	.	.	.	.	6	.	.	.	.	6
3.00-3.24	.	.	.	.	.	9	.	.	.	.	9
3.25-3.49	.	.	.	.	.	2	1	.	.	.	3
3.50+	.	.	.	.	.	1	.	.	.	.	1
TOTAL	0	3554	473	333	97	29	1	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 3.4 NO. OF CASES= 4207.

STATION 012 43.32N 77.45W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1336	.	.	.	.	.	.	.	.	1336
0.25-0.49	.	832	23	.	.	.	.	.	.	.	855
0.50-0.74	.	283	158	16	.	.	.	.	.	.	457
0.75-0.99	.	13	108	41	.	.	.	.	.	.	162
1.00-1.24	.	.	35	70	7	.	.	.	.	.	112
1.25-1.49	.	.	.	24	8	.	.	.	.	.	32
1.50-1.74	.	.	.	9	9	1	.	.	.	.	19
1.75-1.99	.	.	.	.	4	.	.	.	.	.	4
2.00-2.24	.	.	.	.	4	1	.	.	.	.	5
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	.	1	.	.	.	.	1
2.75-2.99	.	.	.	.	.	1	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2464	324	160	34	4	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 3.3 NO. OF CASES= 2800.



STATION 012 43.32N 77.45W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		2030	1								2031
0.25-0.49		1032	48	1							1101
0.50-0.74		363	181	38							582
0.75-0.99		20	109	31	1						161
1.00-1.24			63	37	1						101
1.25-1.49				25							25
1.50-1.74				8							8
1.75-1.99					1						1
2.00-2.24											
2.25-2.49											
2.50-2.74											
2.75-2.99											
3.00-3.24											
3.25-3.49											
3.50+											
TOTAL	0	3463	412	140	11	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.2 NO. OF CASES= 3772.

STATION 012 43.32N 77.45W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		1844	4								1848
0.25-0.49		865	27	1							893
0.50-0.74		265	70	14							349
0.75-0.99		33	57	9							99
1.00-1.24			38	18							56
1.25-1.49			2	12							14
1.50-1.74				9							9
1.75-1.99				3	1						4
2.00-2.24					4						4
2.25-2.49					1						1
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	3007	198	66	6	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.1 NO. OF CASES= 3072.

STATION 012 43.32N 77.45W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		2499	10	2							2511
0.25-0.49		687	23								710
0.50-0.74		386	37	11							434
0.75-0.99		51	28	3							82
1.00-1.24		2	32	11							45
1.25-1.49			14	5	1						20
1.50-1.74				6	1						7
1.75-1.99											0
2.00-2.24											0
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	3623	144	38	2	0	0	0	0	0	

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.1 NO. OF CASES= 3569.

STATION 012 43.32N 77.45W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		2249	13	1							2263
0.25-0.49		740	11	2							753
0.50-0.74		499	17	4							519
0.75-0.99		78	20	3							101
1.00-1.24		1	74	5							75
1.25-1.49			18	5							23
1.50-1.74			1	12							13
1.75-1.99				1							1
2.00-2.24											0
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	3586	154	28	0	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.1 NO. OF CASES= 3510.

STATION 012 43.32N 77.45W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0- LONGER	
0.00-0.24	.	4999	53	8	.	.	.	.	.	.	5060
0.25-0.49	.	2187	17	.	.	.	.	.	.	.	2204
0.50-0.74	.	1160	14	7	.	.	.	.	.	.	1181
0.75-0.99	.	142	5	1	.	.	.	.	.	.	148
1.00-1.24	.	1	195	.	1	.	.	.	.	.	196
1.25-1.49	.	.	29	.	.	.	.	.	.	.	30
1.50-1.74	.	.	5	9	.	.	.	.	.	.	14
1.75-1.99	.	.	.	3	.	.	.	.	.	.	3
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	8489	318	28	1	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.0 NO. OF CASES= 8269.

STATION 012 43.32N 77.45W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0- LONGER	
0.00-0.24	.	4808	73	2	.	.	.	.	.	.	4883
0.25-0.49	.	2045	8	.	.	.	.	.	.	.	2055
0.50-0.74	.	1211	7	2	1	.	.	.	.	.	1221
0.75-0.99	.	113	19	2	.	.	.	.	.	.	136
1.00-1.24	.	3	83	.	.	.	.	.	.	.	86
1.25-1.49	.	.	20	2	.	.	.	.	.	.	22
1.50-1.74	.	.	1	5	.	.	.	.	.	.	6
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	8182	211	15	1	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.0 NO. OF CASES= 7869.

STATION 012 43.32N 77.45W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0- LONGER	
0.00-0.24	.	5097	66	1	.	.	.	.	.	.	5164
0.25-0.49	.	1491	41	2	.	.	.	.	.	.	1534
0.50-0.74	.	1438	6	4	.	.	.	.	.	.	1448
0.75-0.99	.	301	74	1	.	.	.	.	.	.	376
1.00-1.24	.	2	159	1	1	.	.	.	.	.	163
1.25-1.49	.	.	82	19	1	.	.	.	.	.	102
1.50-1.74	.	.	.	62	.	.	.	.	.	.	62
1.75-1.99	.	.	.	20	.	.	.	.	.	.	20
2.00-2.24	.	.	.	6	.	.	.	.	.	.	6
2.25-2.49	.	.	.	1	.	.	.	.	.	.	1
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	8329	428	117	3	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.1 NO. OF CASES= 8307.

STATION 012 43.32N 77.45W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0- LONGER	
0.00-0.24	.	3748	26	1	.	.	.	.	.	.	3775
0.25-0.49	.	2097	71	5	.	.	.	.	.	.	2173
0.50-0.74	.	2024	6	6	.	.	.	.	.	.	2036
0.75-0.99	.	577	187	2	.	.	.	.	.	.	766
1.00-1.24	.	4	387	1	.	.	.	.	.	.	392
1.25-1.49	.	.	281	48	.	.	.	.	.	.	329
1.50-1.74	.	.	6	280	.	.	.	.	.	.	286
1.75-1.99	.	.	.	81	.	.	.	.	.	.	81
2.00-2.24	.	.	.	54	.	.	.	.	.	.	54
2.25-2.49	.	.	.	7	5	.	.	.	.	.	12
2.50-2.74	.	.	.	.	4	.	.	.	.	.	4
2.75-2.99	.	.	.	.	1	.	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	8450	964	485	10	0	0	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.2 NO. OF CASES= 9273.

STATION 012 43.32N 77.45W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	3449	32	11	1	1	.	.	.	.	3493
0.25-0.49	.	3151	130	10	.	.	.	.	.	.	3294
0.50-0.74	.	2534	57	29	8	6	.	.	.	.	2635
0.75-0.99	.	484	32	3	3	6	6	.	.	.	533
1.00-1.24	.	13	561	1	3	5	9	.	.	.	592
1.25-1.49	.	.	211	.	.	.	7	.	.	.	218
1.50-1.74	.	.	90	36	.	1	12	.	.	.	139
1.75-1.99	.	.	2	28	.	1	7	.	.	.	38
2.00-2.24	.	.	.	13	.	.	3	1	.	.	15
2.25-2.49	.	.	.	5	.	.	.	.	.	.	8
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	9631	1115	136	18	19	46	1	0	0	10270

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.2 NO. OF CASES= 10270.

STATION 012 43.32N 77.45W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	2691	943	557	39	2	.	.	.	.	4232
0.25-0.49	.	2916	363	507	133	14	1	.	.	.	3834
0.50-0.74	.	2576	174	337	281	68	8	.	.	.	3444
0.75-0.99	.	618	89	131	225	146	21	.	.	.	1230
1.00-1.24	.	47	324	88	100	167	71	.	.	.	797
1.25-1.49	.	.	133	42	41	80	45	.	.	.	341
1.50-1.74	.	.	50	31	28	77	105	.	.	.	291
1.75-1.99	.	.	.	8	4	20	47	.	.	.	91
2.00-2.24	.	.	2	5	26	2	58	2	.	.	93
2.25-2.49	.	.	.	.	10	1	7	2	.	.	20
2.50-2.74	.	.	.	.	1	5	5	1	.	.	12
2.75-2.99	.	.	.	.	.	2	.	.	.	.	2
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	3	1	.	.	.	4
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	8848	2078	1706	898	588	369	5	0	0	13576

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 3.9 NO. OF CASES= 13576.

STATION 012 43.32N 77.45W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1718	98	11	.	.	.	.	.	.	1827
0.25-0.49	.	1681	493	157	4	.	.	.	.	.	2335
0.50-0.74	.	807	509	481	90	2	.	.	.	.	1889
0.75-0.99	.	168	350	248	100	4	.	.	.	.	870
1.00-1.24	.	7	251	373	120	31	3	.	.	.	785
1.25-1.49	.	.	22	224	58	29	4	.	.	.	337
1.50-1.74	.	.	3	182	118	24	6	.	.	.	333
1.75-1.99	.	.	.	25	69	16	9	.	.	.	119
2.00-2.24	.	.	.	13	84	10	5	.	.	.	112
2.25-2.49	.	.	.	1	43	2	7	.	.	.	53
2.50-2.74	.	.	.	.	22	34	7	.	.	.	63
2.75-2.99	.	.	.	.	.	20	.	.	.	.	20
3.00-3.24	.	.	.	.	.	24	.	.	.	.	24
3.25-3.49	.	.	.	.	.	8	3	.	.	.	11
3.50+	.	.	.	.	.	1	8	.	.	.	9
TOTAL	0	4381	1726	1715	708	205	52	0	0	0	8239

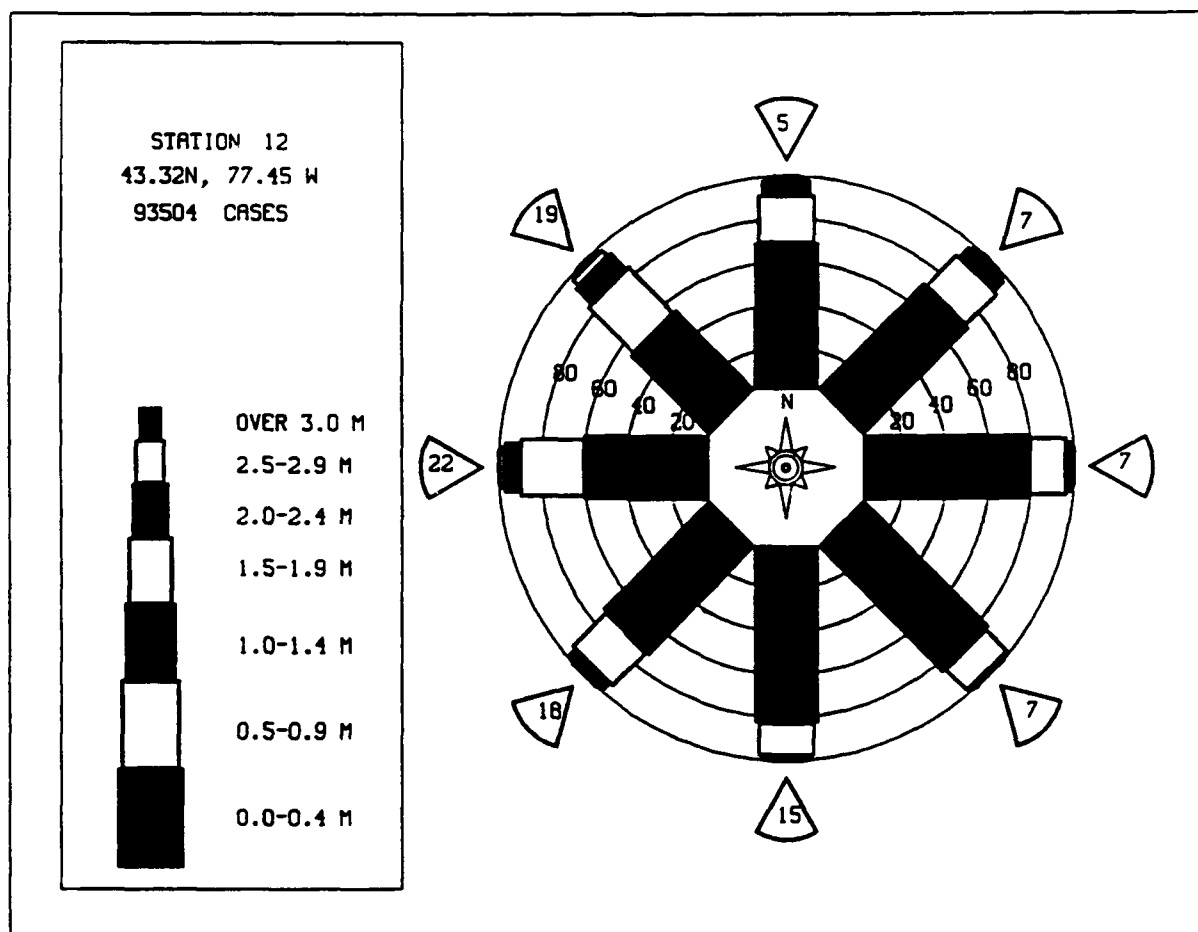
MEAN HS(M) = 0.7 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 4.0 NO. OF CASES= 8239.

STATION 012 43.32N 77.45W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	964	1	.	.	.	.	.	.	.	965
0.25-0.49	.	775	23	.	.	.	.	.	.	.	798
0.50-0.74	.	290	164	33	.	.	.	.	.	.	487
0.75-0.99	.	21	151	53	1	.	.	.	.	.	226
1.00-1.24	.	.	88	112	1	.	.	.	.	.	201
1.25-1.49	.	.	4	33	2	.	.	.	.	.	59
1.50-1.74	.	.	.	24	13	.	.	.	.	.	37
1.75-1.99	.	.	.	3	9	.	.	.	.	.	12
2.00-2.24	.	.	.	.	18	.	.	.	.	.	18
2.25-2.49	.	.	.	.	7	.	.	.	.	.	7
2.50-2.74	.	.	.	.	3	2	.	.	.	.	5
2.75-2.99	.	.	.	.	.	2	.	.	.	.	2
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2050	431	278	54	4	0	0	0	0	2644

MEAN HS(M) = 0.5 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.4 NO. OF CASES= 2644.

STATION 012 43.32N 77.45W FOR ALL DIRECTIONS											
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	4136	133	59	4	.	.	.	.	.	4332
0.25-0.49	.	2283	132	68	14	1	.	.	.	.	2498
0.50-0.74	.	1464	185	103	38	7	.	.	.	.	1787
0.75-0.99	.	268	155	66	33	15	2	.	.	.	539
1.00-1.24	.	8	247	96	25	20	8	.	.	.	404
1.25-1.49	.	.	82	60	13	11	5	.	.	.	171
1.50-1.74	.	.	15	73	20	10	12	.	.	.	130
1.75-1.99	.	.	.	18	12	4	6	.	.	.	40
2.00-2.24	.	.	.	9	18	1	6	.	.	.	34
2.25-2.49	.	.	.	1	8	.	1	.	.	.	10
2.50-2.74	.	.	.	.	3	4	1	.	.	.	8
2.75-2.99	.	.	.	.	.	3	.	.	.	.	3
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	8159	949	553	188	80	41	0	0	0	93504
MEAN HS(M)=	0.4	LARGEST HS(M)=	3.8	MEAN TP(SEC)=	3.3	TOTAL CASES=	93504				



MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 012 (43.32N 77.45W)

	MONTH												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.6	0.5	0.5	0.5	0.5	0.3	0.4	0.3	0.3	0.3	0.4	0.5	0.4
1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.5	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 012 (43.32N 77.45W)

	MONTH												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	1.7	1.7	2.6	2.3	2.0	1.7	1.2	1.2	1.3	1.4	1.8	1.9	
1957	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1958	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1959	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1960	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1961	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1962	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1963	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1964	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1965	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1966	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1967	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1968	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1969	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1970	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1971	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1972	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1973	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1974	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1975	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1976	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1977	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1978	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1979	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1980	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1981	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1982	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1983	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1984	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1985	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1986	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	
1987	1.5	1.5	2.0	2.3	1.6	2.2	1.5	0.9	1.7	1.4	1.5	1.7	

32 YR. STATISTICS FOR WIS STATION 012

MEAN SIGNIFICANT WAVE HEIGHT . . . . . (METERS)	0.4
MEAN PEAK WAVE PERIOD . . . . . (SECONDS)	3.3
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND . . (DEGREES)	292.5
STANDARD DEVIATION OF WAVE HS . . . . . (METERS)	0.4
STANDARD DEVIATION OF WAVE TP . . . . . (SECONDS)	0.8
LARGEST WAVE HS . . . . . (METERS)	3.8
WAVE TP ASSOCIATED WITH LARGEST WAVE HS . . . . . (SECONDS)	8.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS . . (DEGREES)	305.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)	75040409

STATION 013 43.32N 77.25W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0+ LONGER	
0.00-0.24	.	1206	1	.	.	.	.	.	.	.	1207
0.25-0.49	.	604	18	.	.	.	.	.	.	.	622
0.50-0.74	.	195	131	22	.	.	.	.	.	.	348
0.75-0.99	.	5	88	31	.	.	.	.	.	.	124
1.00-1.24	.	.	26	77	1	.	.	.	.	.	104
1.25-1.49	.	.	2	37	1	.	.	.	.	.	40
1.50-1.74	.	.	.	19	6	.	.	.	.	.	25
1.75-1.99	.	.	.	1	7	.	.	.	.	.	8
2.00-2.24	.	.	.	.	12	.	.	.	.	.	12
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2010	266	187	30	1	0	0	0	0	0

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 3.3 NO. OF CASES= 2339.

STATION 013 43.32N 77.25W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0+ LONGER	
0.00-0.24	.	894	.	.	.	.	.	.	.	.	894
0.25-0.49	.	346	6	.	.	.	.	.	.	.	352
0.50-0.74	.	165	89	9	.	.	.	.	.	.	263
0.75-0.99	.	14	60	27	.	.	.	.	.	.	101
1.00-1.24	.	.	24	36	3	.	.	.	.	.	63
1.25-1.49	.	.	.	19	4	.	.	.	.	.	23
1.50-1.74	.	.	.	2	6	.	.	.	.	.	8
1.75-1.99	.	.	.	.	1	.	.	.	.	.	1
2.00-2.24	.	.	.	.	6	.	.	.	.	.	6
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	3	.	.	.	.	3
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1419	179	93	20	3	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 3.3 NO. OF CASES= 1611.

STATION 013 43.32N 77.25W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0+ LONGER	
0.00-0.24	.	2029	3	.	.	.	.	.	.	.	2032
0.25-0.49	.	1006	22	.	.	.	.	.	.	.	1028
0.50-0.74	.	391	206	22	.	.	.	.	.	.	619
0.75-0.99	.	19	148	56	.	.	.	.	.	.	223
1.00-1.24	.	.	64	111	19	.	.	.	.	.	194
1.25-1.49	.	.	2	40	8	.	.	.	.	.	50
1.50-1.74	.	.	.	20	16	.	.	.	.	.	36
1.75-1.99	.	.	.	1	12	.	.	.	.	.	13
2.00-2.24	.	.	.	.	17	3	.	.	.	.	20
2.25-2.49	.	.	.	.	7	1	.	.	.	.	8
2.50-2.74	.	.	.	.	2	7	.	.	.	.	9
2.75-2.99	.	.	.	.	.	6	.	.	.	.	6
3.00-3.24	.	.	.	.	.	2	.	.	.	.	2
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3445	445	250	81	24	0	0	0	0	0

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 3.3 NO. OF CASES= 3979.

STATION 013 43.32N 77.25W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0+ LONGER	
0.00-0.24	.	1499	.	.	.	.	.	.	.	.	1499
0.25-0.49	.	714	40	.	.	.	.	.	.	.	754
0.50-0.74	.	276	145	25	.	.	.	.	.	.	446
0.75-0.99	.	19	93	44	.	.	.	.	.	.	156
1.00-1.24	.	.	44	44	9	.	.	.	.	.	97
1.25-1.49	.	.	2	6	9	.	.	.	.	.	19
1.50-1.74	.	.	.	6	9	1	.	.	.	.	13
1.75-1.99	.	.	.	1	4	1	.	.	.	.	6
2.00-2.24	.	.	.	.	2	.	.	.	.	.	2
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	1	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2508	324	128	32	3	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.2 NO. OF CASES= 2810.

STATION 013 43.32N 77.25W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2252	1	.	.	.	.	.	.	.	2253
0.25-0.49	.	1022	62	.	.	.	.	.	.	.	1084
0.50-0.74	.	381	151	41	.	.	.	.	.	.	573
0.75-0.99	.	14	99	14	1	.	.	.	.	.	128
1.00-1.24	.	.	68	10	2	.	.	.	.	.	80
1.25-1.49	.	.	2	4	.	.	.	.	.	.	5
1.50-1.74	.	.	.	3	.	.	.	.	.	.	3
1.75-1.99	.	.	.	3	1	.	.	.	.	.	4
2.00-2.24	.	.	.	1	1	.	.	.	.	.	2
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3668	383	76	5	0	0	0	0	0	3872

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.1 NO. OF CASES= 3872.

STATION 013 43.32N 77.25W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2022	2	.	.	.	.	.	.	.	2024
0.25-0.49	.	757	36	2	.	.	.	.	.	.	795
0.50-0.74	.	283	55	12	.	.	.	.	.	.	350
0.75-0.99	.	32	74	4	.	.	.	.	.	.	110
1.00-1.24	.	.	55	1	.	.	.	.	.	.	56
1.25-1.49	.	.	4	4	.	.	.	.	.	.	8
1.50-1.74	.	.	.	11	.	.	.	.	.	.	11
1.75-1.99	.	.	.	1	1	.	.	.	.	.	2
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3094	226	35	1	0	0	0	0	0	3144

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.1 NO. OF CASES= 3144.

STATION 013 43.32N 77.25W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2613	5	.	.	.	.	.	.	.	2618
0.25-0.49	.	570	34	.	.	.	.	.	.	.	604
0.50-0.74	.	329	16	9	.	.	.	.	.	.	354
0.75-0.99	.	38	7	.	.	.	.	.	.	.	45
1.00-1.24	.	1	22	3	.	.	.	.	.	.	26
1.25-1.49	.	.	7	2	1	.	.	.	.	.	10
1.50-1.74	.	.	.	1	.	.	.	.	.	.	1
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3551	91	15	1	0	0	0	0	0	3425

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.5 MEAN TP(SEC)= 3.0 NO. OF CASES= 3425.

STATION 013 43.32N 77.25W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2183	5	.	.	.	.	.	.	.	2188
0.25-0.49	.	652	12	1	.	.	.	.	.	.	665
0.50-0.74	.	442	6	2	.	.	.	.	.	.	451
0.75-0.99	.	66	10	3	.	.	.	.	.	.	78
1.00-1.24	.	.	44	.	.	.	.	.	.	.	44
1.25-1.49	.	.	14	1	1	.	.	.	.	.	16
1.50-1.74	.	.	1	6	.	.	.	.	.	.	7
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3343	92	13	1	0	0	0	0	0	3232

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.0 NO. OF CASES= 3232.

STATION 013 43.32N 77.25W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4645	31	3	.	.	.	.	.	.	4679
0.25-0.49	.	1561	23	.	.	.	.	.	.	.	1584
0.50-0.74	.	865	10	6	.	.	.	.	.	.	881
0.75-0.99	.	105	2	.	.	.	.	.	.	.	107
1.00-1.24	.	1	139	.	.	.	.	.	.	.	140
1.25-1.49	.	.	14	.	.	.	.	.	.	.	14
1.50-1.74	.	.	6	5	.	.	.	.	.	.	11
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	7177	225	15	0	0	0	0	0	0	6941.

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.0 NO. OF CASES= 6941.

STATION 013 43.32N 77.25W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4580	26	2	.	.	.	.	.	.	4608
0.25-0.49	.	1846	11	2	.	.	.	.	.	.	1859
0.50-0.74	.	1099	8	2	.	.	.	.	.	.	1109
0.75-0.99	.	96	10	1	.	.	.	.	.	.	107
1.00-1.24	.	1	80	.	1	.	.	.	.	.	82
1.25-1.49	.	.	13	.	.	.	.	.	.	.	13
1.50-1.74	.	.	.	1	.	.	.	.	.	.	1
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	7622	148	9	1	0	0	0	0	0	7281.

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.0 NO. OF CASES= 7281.

STATION 013 43.32N 77.25W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4793	25	1	.	.	.	.	.	.	4819
0.25-0.49	.	1321	18	1	.	.	.	.	.	.	1340
0.50-0.74	.	1345	6	4	.	.	.	.	.	.	1355
0.75-0.99	.	197	64	2	1	.	.	.	.	.	264
1.00-1.24	.	1	124	.	.	.	.	.	.	.	125
1.25-1.49	.	.	59	8	.	.	.	.	.	.	67
1.50-1.74	.	.	.	55	.	.	.	.	.	.	55
1.75-1.99	.	.	.	10	.	.	.	.	.	.	10
2.00-2.24	.	.	.	3	.	.	.	.	.	.	3
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	7657	296	84	2	0	0	0	0	0	7524.

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.1 NO. OF CASES= 7524.

STATION 013 43.32N 77.25W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3615	9	2	.	.	.	.	.	.	3626
0.25-0.49	.	2072	27	.	.	.	.	.	.	.	2099
0.50-0.74	.	2075	43	3	.	.	.	.	.	.	2121
0.75-0.99	.	455	342	1	.	.	.	.	.	.	798
1.00-1.24	.	.	507	13	.	.	.	.	.	.	520
1.25-1.49	.	.	162	119	.	.	.	.	.	.	281
1.50-1.74	.	.	8	256	.	.	.	.	.	.	264
1.75-1.99	.	.	.	125	.	.	.	.	.	.	125
2.00-2.24	.	.	.	23	73	.	.	.	.	.	96
2.25-2.49	.	.	.	.	25	.	.	.	.	.	25
2.50-2.74	.	.	.	.	24	.	.	.	.	.	24
2.75-2.99	.	.	.	.	6	.	.	.	.	.	6
3.00-3.24	.	.	.	.	3	2	.	.	.	.	5
3.25-3.49	.	.	.	.	.	1	.	.	.	.	1
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	8217	1098	542	131	3	0	0	0	0	9355.

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 3.3 NO. OF CASES= 9355.



STATION 013 43.32N 77.25W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3716	26	6	.	.	.	.	.	.	3748
0.25-0.49	.	2898	49	19	2	.	.	.	.	.	2968
0.50-0.74	.	2565	83	10	13	10	7	.	.	.	2684
0.75-0.99	.	599	901	1	1	10	7	.	.	.	1521
1.00-1.24	.	3	944	8	1	14	8	.	.	.	978
1.25-1.49	.	.	122	172	1	4	11	.	.	.	310
1.50-1.74	.	.	6	413	.	1	3	1	.	.	426
1.75-1.99	.	.	.	174	.	1	5	.	.	.	180
2.00-2.24	.	.	.	116	25	.	18	.	.	.	159
2.25-2.49	.	.	.	18	38	.	3	1	.	.	60
2.50-2.74	.	.	.	1	25	.	3	1	.	.	30
2.75-2.99	.	.	.	.	14	.	1	1	.	.	16
3.00-3.24	.	.	.	.	3	.	1	2	.	.	6
3.25-3.49	.	.	.	.	1	.	.	.	.	.	1
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	9781	2133	938	126	40	63	6	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 3.4 NO. OF CASES= 12257.

STATION 013 43.32N 77.25W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3898	942	464	16	.	1	.	.	.	5320
0.25-0.49	.	2566	647	683	124	6	1	.	.	.	4027
0.50-0.74	.	1803	374	493	218	47	1	.	.	.	2936
0.75-0.99	.	733	696	190	125	28	5	.	.	.	1777
1.00-1.24	.	1	865	284	148	78	10	.	.	.	1386
1.25-1.49	.	.	104	164	99	95	36	.	.	.	498
1.50-1.74	.	.	7	262	134	74	45	.	.	.	522
1.75-1.99	.	.	.	111	53	27	20	.	.	.	211
2.00-2.24	.	.	.	50	47	52	52	.	.	.	201
2.25-2.49	.	.	.	11	34	11	32	.	.	.	88
2.50-2.74	.	.	.	1	21	17	44	.	.	.	83
2.75-2.99	.	.	.	.	.	16	19	.	.	.	35
3.00-3.24	.	.	.	.	1	17	5	1	.	.	24
3.25-3.49	.	.	.	.	1	3	9	.	.	.	13
3.50+	.	.	.	.	.	1	18	.	.	.	19
TOTAL	0	9001	3635	2713	1021	472	297	1	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 4.1 MEAN TP(SEC)= 3.9 NO. OF CASES= 16047.

STATION 013 43.32N 77.25W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1978	14	.	.	.	.	.	.	.	1992
0.25-0.49	.	1659	429	47	.	.	.	.	.	.	2135
0.50-0.74	.	566	654	406	8	.	.	.	.	.	1634
0.75-0.99	.	56	273	295	55	.	.	.	.	.	679
1.00-1.24	.	.	202	290	69	3	.	.	.	.	564
1.25-1.49	.	.	11	134	66	4	.	.	.	.	215
1.50-1.74	.	.	.	91	147	12	.	.	.	.	250
1.75-1.99	.	.	.	24	35	13	1	.	.	.	73
2.00-2.24	.	.	.	1	53	10	2	.	.	.	66
2.25-2.49	.	.	.	.	31	2	3	.	.	.	36
2.50-2.74	.	.	.	.	18	27	2	.	.	.	47
2.75-2.99	.	.	.	.	3	19	2	.	.	.	24
3.00-3.24	.	.	.	.	.	18	2	.	.	.	20
3.25-3.49	.	.	.	.	.	6	5	.	.	.	11
3.50+	.	.	.	.	.	1	13	.	.	.	14
TOTAL	0	4259	1583	1288	483	115	30	0	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 4.3 MEAN TP(SEC)= 3.8 NO. OF CASES= 7276.

STATION 013 43.32N 77.25W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	999	.	.	.	.	.	.	.	.	999
0.25-0.49	.	585	12	.	.	.	.	.	.	.	597
0.50-0.74	.	281	197	19	.	.	.	.	.	.	497
0.75-0.99	.	17	133	75	.	.	.	.	.	.	225
1.00-1.24	.	.	48	86	3	.	.	.	.	.	137
1.25-1.49	.	.	1	44	5	.	.	.	.	.	50
1.50-1.74	.	.	.	21	9	.	.	.	.	.	30
1.75-1.99	.	.	.	3	6	.	.	.	.	.	9
2.00-2.24	.	.	.	.	12	.	.	.	.	.	12
2.25-2.49	.	.	.	.	6	.	.	.	.	.	6
2.50-2.74	.	.	.	.	2	2	.	.	.	.	4
2.75-2.99	.	.	.	.	.	2	.	.	.	.	2
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1882	391	248	43	4	0	0	0	0	

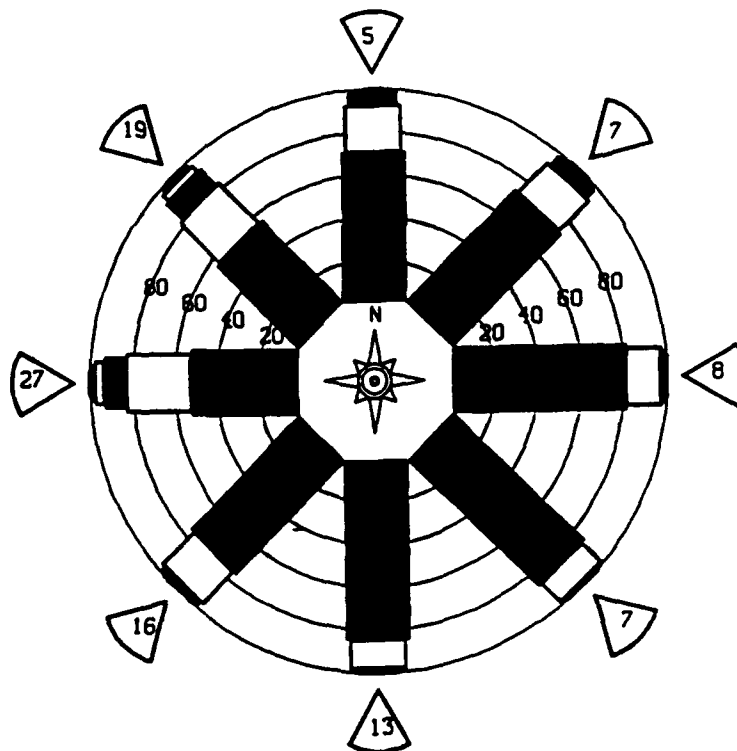
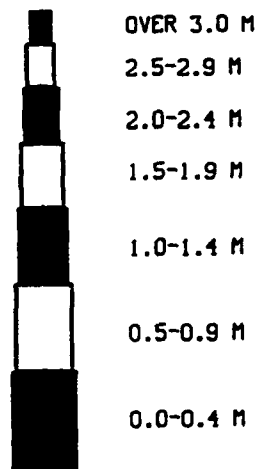
MEAN HS(M) = 0.4 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.4 NO. OF CASES= 2411.

STATION 013 43.32N 77.25W FOR ALL DIRECTIONS  
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4293	109	47	1	.	.	.	.	.	4450
0.25-0.49	.	2018	145	75	12	.	.	.	.	.	2250
0.50-0.74	.	1307	218	109	24	5	.	.	.	.	1663
0.75-0.99	.	247	300	74	18	3	1	.	.	.	643
1.00-1.24	.	.	326	96	25	9	1	.	.	.	457
1.25-1.49	.	.	52	76	19	10	4	.	.	.	161
1.50-1.74	.	.	2	117	32	8	1	.	.	.	164
1.75-1.99	.	.	.	45	12	4	1	.	.	.	63
2.00-2.24	.	.	.	19	25	6	1	.	.	.	57
2.25-2.49	.	.	.	2	14	1	1	.	.	.	20
2.50-2.74	.	.	.	.	2	5	1	.	.	.	19
2.75-2.99	.	.	.	.	.	4	1	.	.	.	8
3.00-3.24	.	.	.	.	.	1	.	.	.	.	4
3.25-3.49	.	.	.	.	.	.	.	.	.	.	2
3.50+	.	.	.	.	.	.	.	.	.	.	3
TOTAL	0	7865	1152	660	193	60	34	0	0	0	93504

MEAN HS(M)= 0.4 LARGEST HS(M)= 4.3 MEAN TP(SEC)= 3.4 TOTAL CASES= 93504.

STATION 13  
43.32N, 77.25 W  
93504 CASES



MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 013 (43.32N 77.25W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	0.5	0.5	0.5	0.5	0.5	0.3	0.4	0.3	0.3	0.3	0.4	0.5	0.4
1957	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.6	0.6	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.5	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 013 (43.32N 77.25W)

YEAR	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	1.5	2.2	2.9	2.5	2.3	2.0	1.3	1.2	1.5	1.7	2.1	1.9	
1957	2.0	2.2	2.1	2.0	1.8	1.5	1.5	1.0	1.6	1.5	2.1	1.7	
1958	1.8	2.2	2.2	2.0	1.8	1.9	1.8	1.0	2.7	2.1	2.3	1.7	
1959	3.3	2.2	3.2	2.2	1.4	2.7	1.7	1.0	1.0	2.0	1.9	2.1	
1960	2.1	1.3	2.2	2.2	2.1	2.2	1.4	1.0	0.8	1.8	2.8	2.2	
1961	2.9	3.3	2.2	2.2	2.1	1.7	0.9	1.1	1.3	1.6	2.6	2.2	
1962	2.2	2.2	2.6	2.2	2.7	1.4	1.9	1.1	1.3	1.6	2.1	2.0	
1963	3.3	2.2	2.7	2.4	2.2	2.7	2.6	2.2	1.3	3.4	2.7	2.0	
1964	2.5	2.2	2.2	2.4	2.2	1.7	1.7	1.1	1.3	1.5	2.2	1.7	
1965	2.9	2.2	2.0	2.5	1.8	1.6	1.3	1.1	1.2	2.5	3.3	2.2	
1966	3.7	2.2	2.2	2.4	1.7	1.3	1.7	1.1	1.6	1.9	2.8	2.2	
1967	2.4	3.3	1.1	2.8	1.6	1.3	1.1	1.3	1.7	2.2	2.6	2.2	
1968	3.0	2.2	2.2	2.3	1.7	1.6	1.1	1.2	1.3	1.3	3.3	2.2	
1969	2.6	2.2	2.7	3.2	1.6	1.2	1.4	1.7	1.9	1.7	2.8	2.5	
1970	1.7	2.2	2.2	2.7	1.7	0.9	1.2	1.1	1.8	1.4	2.2	2.0	
1971	3.4	2.2	2.4	3.0	2.8	1.1	1.6	1.7	1.2	1.0	2.2	2.9	
1972	3.3	2.2	2.2	1.8	1.2	1.1	1.8	1.1	1.1	2.1	2.4	2.0	
1973	2.2	2.2	2.2	2.8	1.8	1.4	1.4	1.4	2.4	2.4	2.3	2.3	
1974	2.9	2.2	2.2	2.6	2.6	1.6	2.0	2.0	2.0	2.0	2.4	2.4	
1975	2.7	3.0	3.1	4.0	1.5	1.3	1.0	1.3	1.9	1.5	2.1	1.9	
1976	2.9	2.8	2.2	2.3	1.9	1.2	1.4	2.1	2.0	2.1	2.2	2.2	
1977	2.5	3.1	2.7	2.4	2.2	1.5	2.0	1.4	1.7	2.2	2.9	2.8	
1978	3.6	2.5	2.2	2.0	2.8	1.5	1.7	1.1	1.5	1.0	2.0	2.0	
1979	2.3	2.4	2.2	3.2	1.5	1.4	1.0	1.4	1.2	1.4	2.1	2.8	
1980	3.0	2.2	2.7	2.2	2.0	1.2	1.2	1.1	1.9	2.2	2.3	2.3	
1981	2.9	2.4	2.4	3.2	1.6	2.0	1.7	1.4	2.2	2.2	2.2	2.8	
1982	3.0	2.4	3.6	3.4	1.3	2.0	1.7	1.3	1.6	1.7	2.2	2.4	
1983	1.9	1.8	2.3	2.0	1.8	1.0	1.1	0.9	0.9	1.8	2.2	2.3	
1984	1.4	2.1	2.9	1.6	1.8	0.7	0.8	0.6	1.1	0.9	1.1	2.2	
1985	1.6	1.8	1.4	1.6	1.2	1.3	0.8	0.5	0.7	1.0	0.6	2.2	
1986	1.8	1.7	1.2	1.2	1.7	1.2	0.7	1.2	0.9	1.2	1.3	1.3	
1987	1.8	1.7	1.5	2.9	1.2	1.1	0.6	0.6	0.5	1.0	1.7	1.4	

32 YR. STATISTICS FOR WIS STATION 013

MEAN SIGNIFICANT WAVE HEIGHT	(METERS)	0.4
MEAN PEAK WAVE PERIOD	(SECONDS)	3.4
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND	(DEGREES)	292.5
STANDARD DEVIATION OF WAVE HS	(METERS)	0.4
STANDARD DEVIATION OF WAVE TP	(SECONDS)	0.8
LARGEST WAVE HS	(METERS)	4.3
WAVE TP ASSOCIATED WITH LARGEST WAVE HS	(SECONDS)	9.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS	(DEGREES)	304.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		63040500

STATION 014 43.32N 77.05W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1225	2	.	.	.	.	.	.	.	1227
0.25-0.49	.	485	24	.	.	.	.	.	.	.	509
0.50-0.74	.	178	146	19	.	.	.	.	.	.	343
0.75-0.99	.	5	57	40	.	.	.	.	.	.	102
1.00-1.24	.	.	28	71	4	.	.	.	.	.	103
1.25-1.49	.	.	.	29	2	.	.	.	.	.	31
1.50-1.74	.	.	.	11	10	.	.	.	.	.	21
1.75-1.99	.	.	.	.	7	.	.	.	.	.	7
2.00-2.24	.	.	.	.	4	.	.	.	.	.	4
2.25-2.49	.	.	.	.	3	.	.	.	.	.	3
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1893	257	170	31	0	0	0	0	0	2208

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.3 NO. OF CASES= 2208.

STATION 014 43.32N 77.05W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1357	.	.	.	.	.	.	.	.	1357
0.25-0.49	.	475	25	1	.	.	.	.	.	.	501
0.50-0.74	.	174	158	17	.	.	.	.	.	.	348
0.75-0.99	.	4	27	37	.	.	.	.	.	.	68
1.00-1.24	.	.	14	33	7	.	.	.	.	.	54
1.25-1.49	.	.	.	6	4	.	.	.	.	.	10
1.50-1.74	.	.	.	3	4	.	.	.	.	.	7
1.75-1.99	.	.	.	.	1	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	2	.	.	.	.	2
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	.	1	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2010	224	97	18	3	0	0	0	0	2206

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.2 NO. OF CASES= 2206.

STATION 014 43.32N 77.05W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2075	1	.	.	.	.	.	.	.	2076
0.25-0.49	.	696	55	.	.	.	.	.	.	.	751
0.50-0.74	.	225	154	36	.	.	.	.	.	.	415
0.75-0.99	.	7	83	44	1	.	.	.	.	.	135
1.00-1.24	.	.	26	64	7	.	.	.	.	.	97
1.25-1.49	.	.	.	14	7	.	.	.	.	.	21
1.50-1.74	.	.	.	11	12	.	.	.	.	.	23
1.75-1.99	.	.	.	4	9	1	.	.	.	.	14
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	4	.	.	.	.	.	4
2.50-2.74	.	.	.	.	.	3	.	.	.	.	3
2.75-2.99	.	.	.	.	.	1	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3003	319	173	50	6	0	0	0	0	3331

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.2 NO. OF CASES= 3331.

STATION 014 43.32N 77.05W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1678	.	.	.	.	.	.	.	.	1678
0.25-0.49	.	626	56	.	.	.	.	.	.	.	682
0.50-0.74	.	311	119	54	.	.	.	.	.	.	484
0.75-0.99	.	31	14	37	4	.	.	.	.	.	146
1.00-1.24	.	.	28	26	10	.	.	.	.	.	64
1.25-1.49	.	.	.	11	2	.	.	.	.	.	13
1.50-1.74	.	.	.	6	2	.	.	.	.	.	8
1.75-1.99	.	.	.	.	1	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2646	277	134	23	0	0	0	0	0	2888

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.2 NO. OF CASES= 2888.

STATION Q14 43.32N 77.05W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2675	.	.	.	.	.	.	.	.	2675
0.25-0.49	.	1036	94	.	.	.	.	.	.	.	1130
0.50-0.74	.	455	48	34	.	.	.	.	.	.	537
0.75-0.99	.	60	21	1	1	.	.	.	.	.	125
1.00-1.24	.	.	2	5	1	.	.	.	.	.	24
1.25-1.49	.	.	.	.	.	.	.	.	.	.	8
1.50-1.74	.	.	.	.	.	.	.	.	.	.	0
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4226	220	55	3	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.1 NO. OF CASES= 4217.

STATION Q14 43.32N 77.05W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2352	3	.	.	.	.	.	.	.	2355
0.25-0.49	.	574	42	3	.	.	.	.	.	.	619
0.50-0.74	.	279	17	9	.	.	.	.	.	.	305
0.75-0.99	.	50	28	2	.	.	.	.	.	.	80
1.00-1.24	.	.	12	.	.	.	.	.	.	.	12
1.25-1.49	.	.	3	.	.	.	.	.	.	.	3
1.50-1.74	.	.	.	1	.	.	.	.	.	.	1
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3255	105	15	0	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.0 NO. OF CASES= 3161.

STATION Q14 43.32N 77.05W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2804	6	.	.	.	.	.	.	.	2810
0.25-0.49	.	481	31	1	.	.	.	.	.	.	513
0.50-0.74	.	290	5	4	.	.	.	.	.	.	299
0.75-0.99	.	27	1	1	.	.	.	.	.	.	29
1.00-1.24	.	1	8	1	.	.	.	.	.	.	10
1.25-1.49	.	.	1	.	.	.	.	.	.	.	1
1.50-1.74	.	.	.	.	.	.	.	.	.	.	0
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3603	52	7	0	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.3 MEAN TP(SEC)= 3.0 NO. OF CASES= 3428.

STATION Q14 43.32N 77.05W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2783	12	.	.	.	.	.	.	.	2795
0.25-0.49	.	588	21	1	.	.	.	.	.	.	610
0.50-0.74	.	403	3	2	.	.	.	.	.	.	408
0.75-0.99	.	42	6	.	.	.	.	.	.	.	48
1.00-1.24	.	.	37	.	.	.	.	.	.	.	37
1.25-1.49	.	.	8	.	.	.	.	.	.	.	8
1.50-1.74	.	.	.	4	.	.	.	.	.	.	4
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3816	87	7	0	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.0 NO. OF CASES= 3661.

STATION 014 43.32N 77.05W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4432	16	1	.	.	.	.	.	.	4449
0.25-0.49	.	1280	14	.	.	.	.	.	.	.	1294
0.50-0.74	.	730	2	2	.	.	.	.	.	.	734
0.75-0.99	.	75	2	.	.	.	.	.	.	.	77
1.00-1.24	.	.	87	.	.	.	.	.	.	.	87
1.25-1.49	.	.	19	.	.	.	.	.	.	.	19
1.50-1.74	.	.	.	1	.	.	.	.	.	.	1
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6517	140	4	0	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.0 NO. OF CASES= 6233.

STATION 014 43.32N 77.05W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3737	10	.	.	.	.	.	.	.	3747
0.25-0.49	.	1395	4	.	.	.	.	.	.	.	1399
0.50-0.74	.	799	1	1	.	.	.	.	.	.	801
0.75-0.99	.	56	7	.	.	.	.	.	.	.	63
1.00-1.24	.	1	32	.	1	.	.	.	.	.	34
1.25-1.49	.	.	2	.	.	.	.	.	.	.	2
1.50-1.74	.	.	.	1	.	.	.	.	.	.	1
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5988	56	2	1	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.0 NO. OF CASES= 5653.

STATION 014 43.32N 77.05W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4119	13	1	.	.	.	.	.	.	4133
0.25-0.49	.	1256	9	.	.	.	.	.	.	.	1265
0.50-0.74	.	1137	6	6	.	.	.	.	.	.	1149
0.75-0.99	.	126	31	1	.	.	.	.	.	.	158
1.00-1.24	.	.	79	.	.	.	.	.	.	.	79
1.25-1.49	.	.	35	6	.	.	.	.	.	.	41
1.50-1.74	.	.	.	25	.	.	.	.	.	.	25
1.75-1.99	.	.	.	4	.	.	.	.	.	.	4
2.00-2.24	.	.	.	1	.	.	.	.	.	.	1
2.25-2.49	.	.	.	1	.	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6638	173	45	0	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.0 NO. OF CASES= 6417.

STATION 014 43.32N 77.05W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3554	3	1	.	.	.	.	.	.	3558
0.25-0.49	.	1860	16	.	.	.	.	.	.	.	1876
0.50-0.74	.	1883	83	4	.	.	.	.	.	.	1970
0.75-0.99	.	255	281	2	.	.	.	.	.	.	538
1.00-1.24	.	3	345	47	.	.	.	.	.	.	395
1.25-1.49	.	.	91	77	2	.	.	.	.	.	170
1.50-1.74	.	.	4	148	3	.	.	.	.	.	155
1.75-1.99	.	.	.	36	10	.	.	.	.	.	46
2.00-2.24	.	.	.	14	44	.	.	.	.	.	58
2.25-2.49	.	.	.	.	14	.	.	.	.	.	14
2.50-2.74	.	.	.	.	11	.	.	.	.	.	11
2.75-2.99	.	.	.	.	.	5	.	.	.	.	5
3.00-3.24	.	.	.	.	.	6	.	.	.	.	6
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	1
TOTAL	0	7555	823	329	84	12	0	0	0	0	0

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 3.2 NO. OF CASES= 8243.

STATION 014 43.32N 77.05W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4431	20	4	.	.	.	.	.	.	4455
0.25-0.49	.	2997	29	17	2	.	.	.	.	.	3045
0.50-0.74	.	2319	741	12	28	11	.	.	.	.	3111
0.75-0.99	.	222	1155	51	4	4	.	.	.	.	1444
1.00-1.24	.	3	1089	402	3	18	18	.	.	.	1333
1.25-1.49	.	.	44	481	2	5	3	.	.	.	533
1.50-1.74	.	.	.	469	3	2	3	.	.	.	483
1.75-1.99	.	.	.	140	58	.	1	.	.	.	200
2.00-2.24	.	.	.	31	224	.	3	.	.	.	256
2.25-2.49	.	.	.	.	112	.	1	.	.	.	113
2.50-2.74	.	.	.	.	122	.	1	1	.	.	123
2.75-2.99	.	.	.	.	26	5	.	.	.	.	31
3.00-3.24	.	.	.	.	13	10	1	.	.	.	24
3.25-3.49	.	.	.	.	3	6	.	.	.	.	9
3.50+	.	.	.	.	.	.	.	.	.	.	6
TOTAL	0	9972	3082	1607	600	70	38	3	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 3.6 NO. OF CASES= 14393.

STATION 014 43.32N 77.05W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	5323	922	372	11	.	.	.	.	.	6628
0.25-0.49	.	2781	802	712	104	4	.	.	.	.	4413
0.50-0.74	.	1446	948	787	262	31	2	.	.	.	3476
0.75-0.99	.	85	806	409	156	36	2	.	.	.	1494
1.00-1.24	.	.	879	490	195	47	5	.	.	.	1616
1.25-1.49	.	.	55	394	113	33	4	.	.	.	599
1.50-1.74	.	.	.	316	176	60	23	.	.	.	575
1.75-1.99	.	.	.	102	69	43	29	.	.	.	243
2.00-2.24	.	.	.	40	122	37	33	.	.	.	232
2.25-2.49	.	.	.	.	82	14	18	.	.	.	114
2.50-2.74	.	.	.	.	49	24	32	.	.	.	105
2.75-2.99	.	.	.	.	17	21	16	.	.	.	54
3.00-3.24	.	.	.	.	10	23	23	1	.	.	57
3.25-3.49	.	.	.	.	3	1	13	.	.	.	17
3.50+	.	.	.	.	.	5	25	.	.	.	30
TOTAL	0	9645	4412	3622	1369	379	223	1	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 4.3 MEAN TP(SEC)= 3.9 NO. OF CASES= 18402.

STATION 014 43.32N 77.05W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2157	3	.	.	.	.	.	.	.	2160
0.25-0.49	.	1625	304	12	.	.	.	.	.	.	1941
0.50-0.74	.	495	702	297	2	.	.	.	.	.	1496
0.75-0.99	.	28	180	306	16	.	.	.	.	.	530
1.00-1.24	.	.	112	290	70	1	.	.	.	.	473
1.25-1.49	.	.	2	87	82	4	.	.	.	.	175
1.50-1.74	.	.	.	49	94	5	.	.	.	.	148
1.75-1.99	.	.	.	10	29	8	1	.	.	.	48
2.00-2.24	.	.	.	.	29	14	.	.	.	.	43
2.25-2.49	.	.	.	.	19	2	2	.	.	.	23
2.50-2.74	.	.	.	.	8	20	1	.	.	.	29
2.75-2.99	.	.	.	.	.	12	.	.	.	.	12
3.00-3.24	.	.	.	.	.	20	1	.	.	.	21
3.25-3.49	.	.	.	.	.	2	5	.	.	.	7
3.50+	.	.	.	.	.	.	2	.	.	.	2
TOTAL	0	4305	1303	1051	348	88	12	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 4.8 MEAN TP(SEC)= 3.7 NO. OF CASES= 6663.

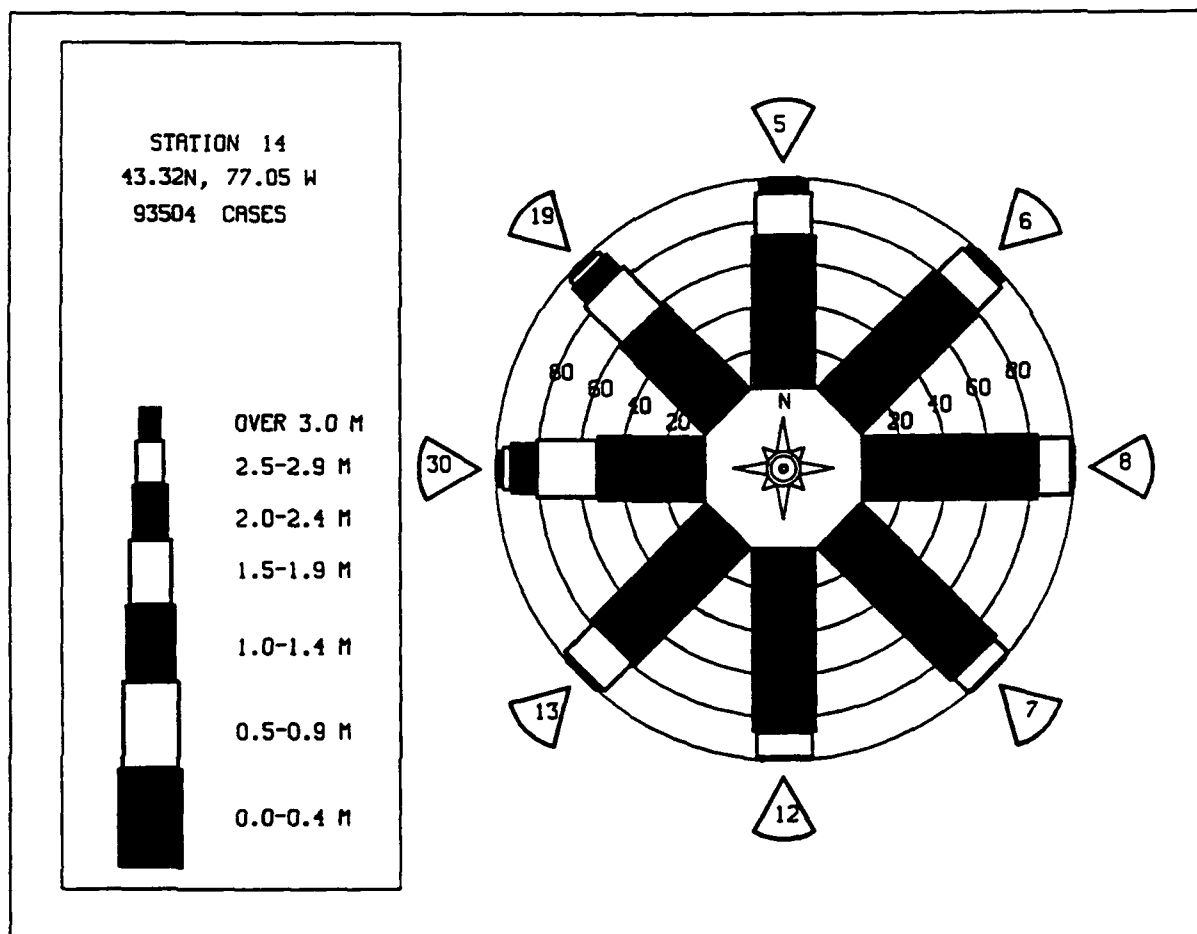
STATION 014 43.32N 77.05W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1064	.	.	.	.	.	.	.	.	1064
0.25-0.49	.	547	19	.	.	.	.	.	.	.	566
0.50-0.74	.	270	205	21	.	.	.	.	.	.	496
0.75-0.99	.	13	112	75	.	.	.	.	.	.	200
1.00-1.24	.	.	48	88	.	.	.	.	.	.	139
1.25-1.49	.	.	.	31	5	.	.	.	.	.	36
1.50-1.74	.	.	.	19	7	.	.	.	.	.	26
1.75-1.99	.	.	.	2	6	.	.	.	.	.	8
2.00-2.24	.	.	.	.	9	.	.	.	.	.	9
2.25-2.49	.	.	.	.	6	.	.	.	.	.	6
2.50-2.74	.	.	.	.	1	1	.	.	.	.	2
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1894	384	236	37	1	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.4 NO. OF CASES= 2394.

STATION 014 43.32N 77.05W FOR ALL DIRECTIONS											
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	4577	101	37	1	.	.	.	.	.	4716
0.25-0.49	.	1872	155	74	10	.	.	.	.	.	2111
0.50-0.74	.	1140	334	131	29	.	.	.	.	.	1638
0.75-0.99	.	109	291	102	18	4	.	.	.	.	524
1.00-1.24	.	.	285	151	30	6	2	.	.	.	474
1.25-1.49	.	.	26	114	22	4	.	.	.	.	166
1.50-1.74	.	.	.	107	31	6	2	.	.	.	146
1.75-1.99	.	.	.	30	19	5	3	.	.	.	57
2.00-2.24	.	.	.	8	44	5	3	.	.	.	60
2.25-2.49	.	.	.	.	24	1	2	.	.	.	27
2.50-2.74	.	.	.	.	19	5	3	.	.	.	27
2.75-2.99	.	.	.	.	4	4	1	.	.	.	9
3.00-3.24	.	.	.	.	2	6	2	.	.	.	10
3.25-3.49	.	.	.	.	.	.	1	.	.	.	1
3.50+	.	.	.	.	.	1	2	.	.	.	3
TOTAL	0	7698	1192	754	253	51	21	0	0	0	

MEAN HS(M)= 0.4 LARGEST HS(M)= 4.8 MEAN TP(SEC)= 3.4 TOTAL CASES= 93504.





MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 014 (43.32N 77.05W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1957	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1958	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1959	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1960	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1961	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1962	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1963	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1964	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1965	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1966	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1967	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1968	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1969	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1970	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1971	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1972	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1973	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1974	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1975	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1976	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1977	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1978	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1979	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1980	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1981	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1982	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1983	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1984	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1985	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1986	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1987	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
MEAN	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.3	0.3	0.5	0.5	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 014 (43.32N 77.05W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.4	2.0	2.7	2.7	2.1	1.9	1.2	1.2	1.5	1.6	2.1	1.8	
1957	1.7	2.2	2.9	2.1	1.6	2.5	1.5	1.0	1.7	1.5	2.1	1.9	
1958	2.0	2.2	2.5	1.9	1.9	2.1	1.5	1.0	2.5	2.3	2.7	2.0	
1959	2.3	2.3	2.3	2.1	1.3	3.0	1.4	1.0	1.0	2.2	2.2	2.3	
1960	2.3	2.3	2.3	2.4	1.1	2.0	1.3	1.0	0.7	1.7	2.8	2.0	
1961	2.8	2.3	2.6	2.9	1.7	1.7	0.9	1.2	1.4	1.8	2.2	2.4	
1962	2.2	2.3	2.3	2.6	1.1	2.2	2.5	1.2	2.8	1.7	3.3	2.9	
1963	2.3	2.3	2.3	2.4	2.4	2.7	2.6	1.1	1.6	3.2	2.3	2.6	
1964	2.3	2.3	2.3	2.3	2.1	2.1	1.6	1.1	1.7	1.4	2.3	1.7	
1965	2.3	2.3	2.3	2.2	1.7	1.5	1.1	1.1	1.1	2.7	2.2	2.2	
1966	2.3	2.3	2.3	2.2	1.7	1.3	1.1	1.1	1.9	2.1	2.0	2.0	
1967	2.3	2.3	2.3	2.0	3.0	2.2	0.9	1.1	1.7	2.4	2.7	2.4	
1968	2.3	2.3	2.3	2.2	2.7	1.1	1.3	1.1	1.4	2.2	2.7	2.6	
1969	2.3	2.3	2.3	2.3	2.3	1.5	1.5	1.5	2.0	1.9	2.3	2.3	
1970	2.3	2.3	2.3	2.3	2.1	1.5	1.5	1.5	1.7	1.3	2.7	2.3	
1971	2.3	2.3	2.3	2.3	2.6	1.3	1.1	1.1	1.0	1.1	2.9	2.1	
1972	2.3	2.3	2.3	2.3	1.1	1.1	1.1	1.1	2.0	1.1	2.2	2.2	
1973	2.3	2.3	2.3	2.3	2.6	1.6	1.1	1.1	2.7	2.7	2.2	2.8	
1974	2.3	2.3	2.3	2.3	2.6	1.6	1.1	1.1	2.3	1.9	2.2	2.3	
1975	2.3	2.3	2.3	2.3	2.3	1.5	1.1	1.1	1.9	1.1	2.3	2.1	
1976	2.3	2.3	2.3	2.3	2.2	1.3	1.1	1.1	2.1	2.1	2.3	2.2	
1977	2.7	2.3	2.3	2.8	2.9	1.7	2.3	1.4	1.5	2.2	2.8	2.8	
1978	4.0	2.3	2.3	2.3	2.0	1.4	1.7	1.1	1.3	2.2	2.4	2.3	
1979	2.6	2.3	2.3	2.7	1.4	1.4	1.0	1.1	1.0	2.2	2.2	2.8	
1980	2.3	2.3	2.3	2.0	2.5	1.7	1.2	1.2	2.2	3.3	2.2	2.5	
1981	2.3	2.3	2.3	2.2	1.4	2.2	1.5	1.2	2.3	2.8	2.2	2.5	
1982	2.3	2.3	2.3	2.2	1.2	1.4	1.1	1.2	1.8	2.0	2.3	2.8	
1983	2.3	2.3	2.3	2.5	2.0	1.9	1.0	0.8	1.2	1.1	2.5	2.6	
1984	2.3	2.3	2.3	2.7	1.6	2.0	0.9	0.8	1.2	1.0	2.4	1.4	
1985	2.0	2.0	2.0	1.7	1.3	1.3	1.4	0.6	0.7	1.2	2.8	2.6	
1986	2.0	2.0	2.0	1.3	1.3	1.3	1.3	1.1	1.1	1.3	2.2	1.6	
1987	1.9	1.7	1.5	2.4	1.4	1.2	0.5	0.6	0.5	1.0	2.0	1.3	

32 YR. STATISTICS FOR WIS STATION 014

MEAN SIGNIFICANT WAVE HEIGHT	(METERS)	0.4
MEAN PEAK WAVE PERIOD	(SECONDS)	3.4
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND	(DEGREES)	292.5
STANDARD DEVIATION OF WAVE HS	(METERS)	0.4
STANDARD DEVIATION OF WAVE TP	(SECONDS)	0.8
LARGEST WAVE HS	(METERS)	4.8
WAVE TP ASSOCIATED WITH LARGEST WAVE HS	(SECONDS)	9.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS	(DEGREES)	304.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		63040500

STATION 015 43.31N 76.86W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1682	1	.	.	.	.	.	.	.	1683
0.25-0.49	.	544	57	3	.	.	.	.	.	.	604
0.50-0.74	.	173	158	33	.	.	.	.	.	.	364
0.75-0.99	.	8	63	40	2	.	.	.	.	.	113
1.00-1.24	.	.	19	52	4	.	.	.	.	.	75
1.25-1.49	.	.	1	21	5	.	.	.	.	.	27
1.50-1.74	.	.	.	7	7	.	.	.	.	.	14
1.75-1.99	.	.	.	2	3	1	.	.	.	.	6
2.00-2.24	.	.	.	.	4	.	.	.	.	.	4
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2407	299	158	25	1	0	0	0	0	2709

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.2 NO. OF CASES= 2709.

STATION 015 43.31N 76.86W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1475	4	.	.	.	.	.	.	.	1479
0.25-0.49	.	360	83	1	.	.	.	.	.	.	444
0.50-0.74	.	72	113	42	.	.	.	.	.	.	227
0.75-0.99	.	3	13	23	1	.	.	.	.	.	40
1.00-1.24	.	.	.	13	11	.	.	.	.	.	28
1.25-1.49	.	.	.	4	2	.	.	.	.	.	6
1.50-1.74	.	.	.	1	3	.	.	.	.	.	4
1.75-1.99	.	.	.	.	1	1	.	.	.	.	2
2.00-2.24	.	.	.	.	2	.	.	.	.	.	2
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1910	217	82	22	1	0	0	0	0	2095

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 3.2 NO. OF CASES= 2095.

STATION 015 43.31N 76.86W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1940	3	1	.	.	.	.	.	.	1943
0.25-0.49	.	336	79	1	.	.	.	.	.	.	416
0.50-0.74	.	85	95	36	.	.	.	.	.	.	216
0.75-0.99	.	5	28	25	5	.	.	.	.	.	63
1.00-1.24	.	.	9	21	11	.	.	.	.	.	41
1.25-1.49	.	.	.	9	4	.	.	.	.	.	13
1.50-1.74	.	.	.	5	5	.	.	.	.	.	10
1.75-1.99	.	.	.	1	4	.	.	.	.	.	5
2.00-2.24	.	.	.	.	2	.	.	.	.	.	2
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	4	.	.	.	.	4
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2366	214	98	31	4	0	0	0	0	2545

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.2 NO. OF CASES= 2545.

STATION 015 43.31N 76.86W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1930	5	.	.	.	.	.	.	.	1935
0.25-0.49	.	640	101	2	.	.	.	.	.	.	743
0.50-0.74	.	251	98	62	1	.	.	.	.	.	412
0.75-0.99	.	18	33	19	7	.	.	.	.	.	77
1.00-1.24	.	1	14	23	7	.	.	.	.	.	45
1.25-1.49	.	.	2	9	2	.	.	.	.	.	13
1.50-1.74	.	.	.	2	1	.	.	.	.	.	3
1.75-1.99	.	.	.	.	1	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2840	253	117	20	0	0	0	0	0	3027

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.2 NO. OF CASES= 3027.

STATION 015 43.31N 76.86W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	3737	22	.	.	.	.	.	.	.	3759
0.25-0.49	.	1350	126	6	.	.	.	.	.	.	1484
0.50-0.74	.	453	39	45	.	.	.	.	.	.	537
0.75-0.99	.	20	.	2	.	.	.	.	.	.	29
1.00-1.24	.	1	9	1	.	.	.	.	.	.	11
1.25-1.49	.	.	4	.	.	.	.	.	.	.	4
1.50-1.74	.	.	.	.	1	.	.	.	.	.	1
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5561	200	61	3	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.5 MEAN TP(SEC)= 3.1 NO. OF CASES= 5453.

STATION 015 43.31N 76.86W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	3240	12	.	.	.	.	.	.	.	3252
0.25-0.49	.	541	22	2	.	.	.	.	.	.	565
0.50-0.74	.	195	3	6	.	.	.	.	.	.	204
0.75-0.99	.	8	.	.	.	.	.	.	.	.	8
1.00-1.24	.	.	3	.	.	.	.	.	.	.	3
1.25-1.49	.	.	.	.	.	.	.	.	.	.	0
1.50-1.74	.	.	.	.	.	.	.	.	.	.	0
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3984	40	8	0	0	0	0	0	0	0

MEAN HS(M) = 0.1 LARGEST HS(M)= 1.1 MEAN TP(SEC)= 3.0 NO. OF CASES= 3774.

STATION 015 43.31N 76.86W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	3729	12	.	.	.	.	.	.	.	3741
0.25-0.49	.	355	12	3	.	.	.	.	.	.	370
0.50-0.74	.	234	.	2	.	.	.	.	.	.	236
0.75-0.99	.	19	2	.	.	.	.	.	.	.	21
1.00-1.24	.	.	3	.	.	.	.	.	.	.	3
1.25-1.49	.	.	1	.	.	.	.	.	.	.	1
1.50-1.74	.	.	.	.	.	.	.	.	.	.	0
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4337	30	5	0	0	0	0	0	0	0

MEAN HS(M) = 0.1 LARGEST HS(M)= 1.3 MEAN TP(SEC)= 3.0 NO. OF CASES= 4091.

STATION 015 43.31N 76.86W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	2844	6	.	.	.	.	.	.	.	2850
0.25-0.49	.	549	3	1	.	.	.	.	.	.	553
0.50-0.74	.	359	.	.	.	.	.	.	.	.	359
0.75-0.99	.	38	3	.	.	.	.	.	.	.	41
1.00-1.24	.	.	26	1	.	.	.	.	.	.	26
1.25-1.49	.	.	4	2	.	.	.	.	.	.	5
1.50-1.74	.	.	.	.	.	.	.	.	.	.	2
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3780	42	4	0	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.5 MEAN TP(SEC)= 3.0 NO. OF CASES= 3591.

STATION 015 43.31N 76.86W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3170	20	1	.	.	.	.	.	.	3191
0.25-0.49	.	1219	8	.	.	.	.	.	.	.	1227
0.50-0.74	.	753	.	.	.	.	.	.	.	.	753
0.75-0.99	.	63	.	.	.	.	.	.	.	.	63
1.00-1.24	.	2	99	.	.	.	.	.	.	.	101
1.25-1.49	.	.	12	.	.	.	.	.	.	.	12
1.50-1.74	.	.	1	2	.	.	.	.	.	.	3
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5207	140	3	0	0	0	0	0	0	5550

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.0 NO. OF CASES= 5007.

STATION 015 43.31N 76.86W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2035	6	1	.	.	.	.	.	.	2042
0.25-0.49	.	1182	8	2	.	.	.	.	.	.	1192
0.50-0.74	.	681	1	1	.	.	.	.	.	.	683
0.75-0.99	.	34	1	.	.	.	.	.	.	.	35
1.00-1.24	.	.	19	.	.	.	.	.	.	.	19
1.25-1.49	.	.	3	.	.	.	.	.	.	.	3
1.50-1.74	.	.	1	.	.	.	.	.	.	.	1
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3932	39	5	0	0	0	0	0	0	3976

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.0 NO. OF CASES= 3721.

STATION 015 43.31N 76.86W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3010	8	.	.	.	.	.	.	.	3018
0.25-0.49	.	1091	14	.	.	.	.	.	.	.	1105
0.50-0.74	.	822	12	.	.	.	.	.	.	.	834
0.75-0.99	.	83	16	1	.	.	.	.	.	.	100
1.00-1.24	.	2	36	1	.	.	.	.	.	.	39
1.25-1.49	.	.	12	.	.	.	.	.	.	.	12
1.50-1.74	.	.	.	13	.	.	.	.	.	.	13
1.75-1.99	.	.	.	3	.	.	.	.	.	.	3
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5008	98	18	0	0	0	0	0	0	5124

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.0 NO. OF CASES= 4798.

STATION 015 43.31N 76.86W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3022	7	.	.	.	.	.	.	.	3029
0.25-0.49	.	1623	5	1	.	.	.	.	.	.	1629
0.50-0.74	.	1533	79	.	.	.	.	.	.	.	1612
0.75-0.99	.	185	198	4	.	.	.	.	.	.	387
1.00-1.24	.	3	190	55	.	.	.	.	.	.	248
1.25-1.49	.	.	49	4	.	.	.	.	.	.	98
1.50-1.74	.	.	5	60	4	.	.	.	.	.	69
1.75-1.99	.	.	.	16	7	.	.	.	.	.	23
2.00-2.24	.	.	.	3	16	.	.	.	.	.	19
2.25-2.49	.	.	.	.	8	.	.	.	.	.	8
2.50-2.74	.	.	.	.	5	.	.	.	.	.	6
2.75-2.99	.	.	.	.	.	1	.	.	.	.	2
3.00-3.24	.	.	.	.	.	2	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6366	533	188	40	3	0	0	0	0	6667

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.1 NO. OF CASES= 6675.

STATION 015 43.31N 76.86W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	5075	9	8	.	.	.	.	.	.	5092
0.25-0.49	.	3209	31	21	3	.	.	.	.	.	3264
0.50-0.74	.	2388	1242	38	32	9	.	.	.	.	3709
0.75-0.99	.	257	1157	276	10	12	3	.	.	.	1715
1.00-1.24	.	7	626	958	3	19	13	.	.	.	1631
1.25-1.49	.	.	41	595	125	5	7	.	.	.	673
1.50-1.74	.	.	3	417	126	4	8	.	.	.	558
1.75-1.99	.	.	.	100	148	.	5	.	.	.	253
2.00-2.24	.	.	.	14	247	1	3	1	.	.	266
2.25-2.49	.	.	.	.	114	3	2	.	.	.	119
2.50-2.74	.	.	.	.	116	10	.	.	.	.	126
2.75-2.99	.	.	.	.	27	47	.	.	.	.	74
3.00-3.24	.	.	.	.	2	47	.	.	.	.	48
3.25-3.49	.	.	.	.	.	18	.	.	.	.	18
3.50+	.	.	.	.	.	16	.	.	.	.	20
TOTAL	0	10936	3109	2427	858	191	44	2	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 4.3 MEAN TP(SEC)= 3.7 NO. OF CASES= 16447.

STATION 015 43.31N 76.86W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	6449	770	317	9	.	.	.	.	.	7545
0.25-0.49	.	3235	852	618	96	3	.	.	.	.	4804
0.50-0.74	.	1362	1388	889	245	35	1	.	.	.	3920
0.75-0.99	.	70	765	616	158	26	4	.	.	.	1639
1.00-1.24	.	.	363	868	227	53	4	.	.	.	1155
1.25-1.49	.	.	14	452	192	41	3	.	.	.	702
1.50-1.74	.	.	.	297	192	60	17	.	.	.	566
1.75-1.99	.	.	.	82	108	40	17	.	.	.	247
2.00-2.24	.	.	.	17	159	44	28	.	.	.	248
2.25-2.49	.	.	.	.	100	8	13	.	.	.	121
2.50-2.74	.	.	.	.	82	27	18	.	.	.	127
2.75-2.99	.	.	.	.	23	23	7	.	.	.	55
3.00-3.24	.	.	.	.	11	59	10	.	.	.	75
3.25-3.49	.	.	.	.	.	11	21	.	.	.	20
3.50+	.	.	.	.	.	11	26	.	.	.	37
TOTAL	0	11116	4152	4156	1604	434	159	0	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 4.8 MEAN TP(SEC)= 3.9 NO. OF CASES= 20244.

STATION 015 43.31N 76.86W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2393	2	.	.	.	.	.	.	.	2395
0.25-0.49	.	1678	205	2	.	.	.	.	.	.	1885
0.50-0.74	.	466	620	212	2	.	.	.	.	.	1300
0.75-0.99	.	34	183	225	88	.	.	.	.	.	480
1.00-1.24	.	.	95	268	86	.	.	.	.	.	429
1.25-1.49	.	.	1	85	64	2	.	.	.	.	152
1.50-1.74	.	.	.	48	53	2	.	.	.	.	118
1.75-1.99	.	.	.	2	27	6	.	.	.	.	35
2.00-2.24	.	.	.	.	18	1	.	.	.	.	34
2.25-2.49	.	.	.	.	13	13	1	.	.	.	21
2.50-2.74	.	.	.	.	.	14	2	.	.	.	26
2.75-2.99	.	.	.	.	.	14	2	.	.	.	26
3.00-3.24	.	.	.	.	.	4	.	.	.	.	16
3.25-3.49	.	.	.	.	.	.	.	.	.	.	4
3.50+	.	.	.	.	.	.	.	.	.	.	1
TOTAL	0	4571	1106	872	289	64	6	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 5.3 MEAN TP(SEC)= 3.6 NO. OF CASES= 6473.

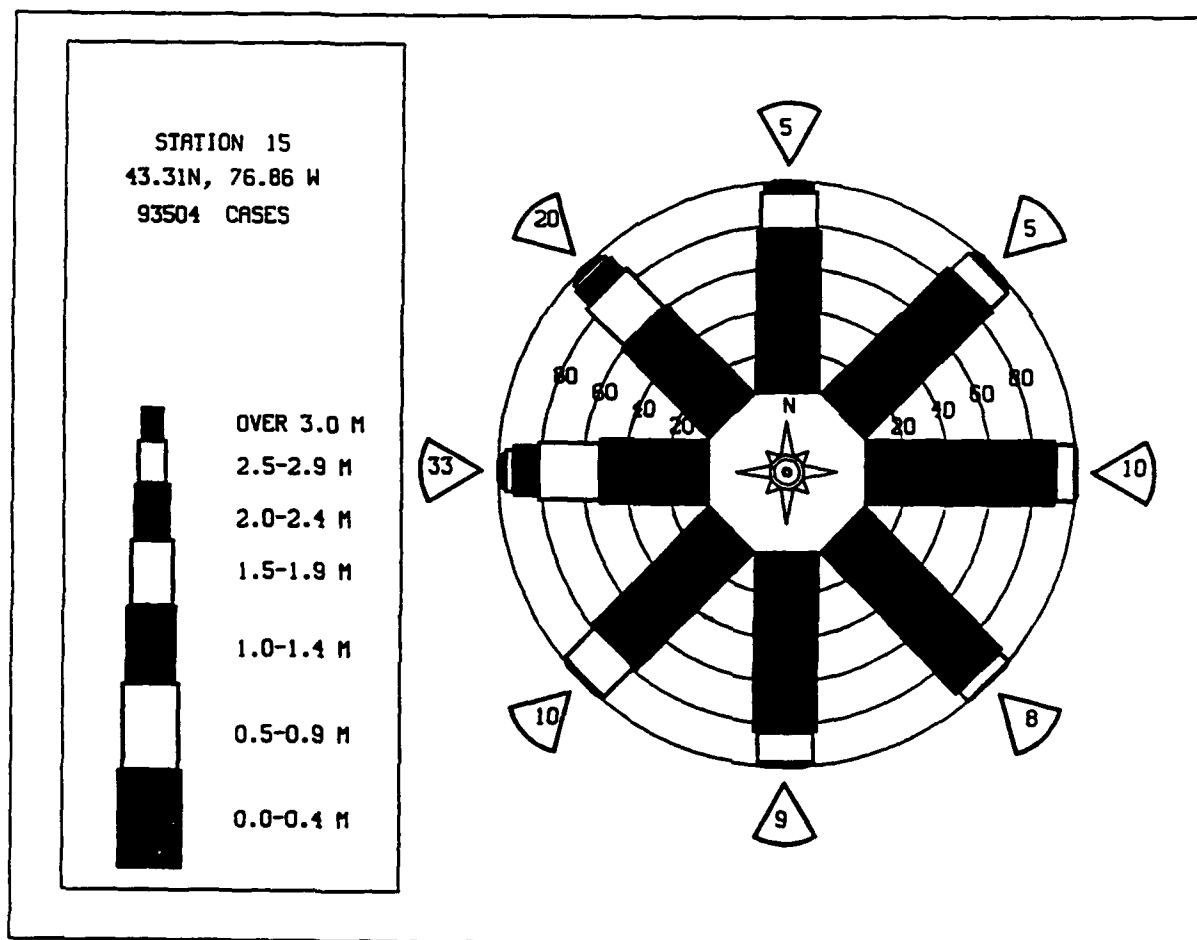
STATION 015 43.31N 76.86W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1363	4	.	.	.	.	.	.	.	1367
0.25-0.49	.	614	23	1	.	.	.	.	.	.	638
0.50-0.74	.	334	213	28	.	.	.	.	.	.	575
0.75-0.99	.	14	131	72	.	.	.	.	.	.	217
1.00-1.24	.	.	44	105	3	.	.	.	.	.	152
1.25-1.49	.	.	1	18	9	.	.	.	.	.	40
1.50-1.74	.	.	.	2	12	.	.	.	.	.	27
1.75-1.99	.	.	.	.	5	.	.	.	.	.	6
2.00-2.24	.	.	.	.	.	1	.	.	.	.	12
2.25-2.49	.	.	.	.	.	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2325	416	258	40	1	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.4 NO. OF CASES= 2854.

STATION 015 43.31N 76.86W FOR ALL DIRECTIONS											
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	4710	89	32	.	.	.	.	.	.	4831
0.25-0.49	.	1853	163	66	9	.	.	.	.	.	2091
0.50-0.74	.	1016	406	139	28	4	.	.	.	.	1593
0.75-0.99	.	86	239	134	19	3	.	.	.	.	501
1.00-1.24	.	1	156	236	34	7	1	.	.	.	435
1.25-1.49	.	.	14	125	30	4	1	.	.	.	174
1.50-1.74	.	.	1	87	41	7	2	.	.	.	138
1.75-1.99	.	.	.	21	30	4	2	.	.	.	57
2.00-2.24	.	.	.	3	47	5	3	.	.	.	58
2.25-2.49	.	.	.	.	24	1	1	.	.	.	26
2.50-2.74	.	.	.	.	21	3	2	.	.	.	28
2.75-2.99	.	.	.	.	5	8	.	.	.	.	13
3.00-3.24	.	.	.	.	1	1	1	.	.	.	4
3.25-3.49	.	.	.	.	.	2	3	.	.	.	5
3.50+	.	.	.	.	.	1	1	.	.	.	2
TOTAL	0	7666	1088	843	289	64	17	0	0	0	

MEAN HS(M)= 0.4    LARGEST HS(M)= 5.3    MEAN TP(SEC)= 3.4    TOTAL CASES= 93504.



MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 015 (43.31N 76.86W)

	MONTH												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1957	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1958	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1959	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1960	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1961	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1962	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1963	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1964	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1965	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1966	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1967	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1968	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1969	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1970	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1971	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1972	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1973	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1974	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1975	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1976	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1977	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1978	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1979	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1980	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1981	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1982	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1983	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1984	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1985	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1986	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1987	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
MEAN	0.6	0.6	0.5	0.5	0.3	0.3	0.3	0.2	0.3	0.3	0.4	0.5	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 015 (43.31N 76.86W)

	MONTH												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1957	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1958	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1959	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1960	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1961	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1962	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1963	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1964	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1965	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1966	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1967	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1968	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1969	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1970	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1971	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1972	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1973	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1974	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1975	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1976	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1977	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1978	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1979	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1980	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1981	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1982	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1983	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1984	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1985	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1986	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1987	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

32 YR. STATISTICS FOR WIS STATION 015

MEAN SIGNIFICANT WAVE HEIGHT . . . . .	(METERS)	0.4
MEAN PEAK WAVE PERIOD . . . . .	(SECONDS)	3.4
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND . . . . .	(DEGREES)	292.5
STANDARD DEVIATION OF WAVE HS . . . . .	(METERS)	0.5
STANDARD DEVIATION OF WAVE TP . . . . .	(SECONDS)	0.8
LARGEST WAVE HS . . . . .	(METERS)	5.3
WAVE TP ASSOCIATED WITH LARGEST WAVE HS . . . . .	(SECONDS)	8.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS . . . . .	(DEGREES)	306.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		63040500

STATION 016 43.45N 76.65W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1247	1	.	.	.	.	.	.	.	1248
0.25-0.49	.	618	47	.	.	.	.	.	.	.	665
0.50-0.74	.	189	250	17	.	.	.	.	.	.	456
0.75-0.99	.	9	74	66	1	.	.	.	.	.	150
1.00-1.24	.	.	22	65	4	.	.	.	.	.	91
1.25-1.49	.	.	1	13	6	.	.	.	.	.	20
1.50-1.74	.	.	.	21	16	.	.	.	.	.	37
1.75-1.99	.	.	.	1	3	.	.	.	.	.	4
2.00-2.24	.	.	.	.	7	.	.	.	.	.	9
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	1	2	.	.	.	.	3
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2063	395	183	39	5	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.3 NO. OF CASES= 2517.

STATION 016 43.45N 76.65W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	947	.	.	.	.	.	.	.	.	947
0.25-0.49	.	299	42	.	.	.	.	.	.	.	341
0.50-0.74	.	74	137	13	.	.	.	.	.	.	224
0.75-0.99	.	1	11	35	.	.	.	.	.	.	47
1.00-1.24	.	.	2	22	12	.	.	.	.	.	36
1.25-1.49	.	.	.	2	4	.	.	.	.	.	6
1.50-1.74	.	.	.	.	5	.	.	.	.	.	5
1.75-1.99	.	.	.	.	1	.	.	.	.	.	1
2.00-2.24	.	.	.	.	3	.	.	.	.	.	3
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1321	192	72	25	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.3 NO. OF CASES= 1513.

STATION 016 43.45N 76.65W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1497	.	.	.	.	.	.	.	.	1497
0.25-0.49	.	386	55	1	.	.	.	.	.	.	442
0.50-0.74	.	89	177	23	.	.	.	.	.	.	289
0.75-0.99	.	7	40	43	2	.	.	.	.	.	92
1.00-1.24	.	.	18	50	7	.	.	.	.	.	75
1.25-1.49	.	.	.	16	5	.	.	.	.	.	21
1.50-1.74	.	.	.	5	4	.	.	.	.	.	9
1.75-1.99	.	.	.	1	5	.	.	.	.	.	6
2.00-2.24	.	.	.	.	4	.	.	.	.	.	4
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1979	290	139	28	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.3 NO. OF CASES= 2285.

STATION 016 43.45N 76.65W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2089	.	1	.	.	.	.	.	.	2089
0.25-0.49	.	891	80	21	.	.	.	.	.	.	972
0.50-0.74	.	332	244	21	.	.	.	.	.	.	597
0.75-0.99	.	19	64	33	.	.	.	.	.	.	116
1.00-1.24	.	.	26	23	3	.	.	.	.	.	52
1.25-1.49	.	.	2	18	1	.	.	.	.	.	21
1.50-1.74	.	.	.	3	.	.	.	.	.	.	3
1.75-1.99	.	.	.	.	1	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3331	416	99	5	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.2 NO. OF CASES= 3607.



STATION 016 43.45N 76.65W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9	12.0- LONGER
0.00-0.24	.	3510	1	2	.	.	.	.	.	.	3512
0.25-0.49	.	1309	56	2	.	.	.	.	.	.	1367
0.50-0.74	.	453	78	23	.	.	.	.	.	.	554
0.75-0.99	.	25	4	16	.	.	.	.	.	.	45
1.00-1.24	.	1	10	1	1	.	.	.	.	.	13
1.25-1.49	.	.	7	.	.	.	.	.	.	.	7
1.50-1.74	.	.	1	.	1	.	.	.	.	.	2
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5298	157	43	2	0	0	0	0	0	5147

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.0 NO. OF CASES= 5147.

STATION 016 43.45N 76.65W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9	12.0- LONGER
0.00-0.24	.	2608	3	.	.	.	.	.	.	.	2611
0.25-0.49	.	483	10	.	.	.	.	.	.	.	493
0.50-0.74	.	183	7	1	.	.	.	.	.	.	191
0.75-0.99	.	9	.	.	.	.	.	.	.	.	9
1.00-1.24	.	.	2	.	.	.	.	.	.	.	2
1.25-1.49	.	.	1	.	.	.	.	.	.	.	1
1.50-1.74	.	.	.	.	.	.	.	.	.	.	0
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3283	23	1	0	0	0	0	0	0	3096

MEAN HS(M) = 0.1 LARGEST HS(M)= 1.3 MEAN TP(SEC)= 3.0 NO. OF CASES= 3096.

STATION 016 43.45N 76.65W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9	12.0- LONGER
0.00-0.24	.	2667	4	.	.	.	.	.	.	.	2671
0.25-0.49	.	375	6	1	.	.	.	.	.	.	382
0.50-0.74	.	241	1	.	.	.	.	.	.	.	242
0.75-0.99	.	16	2	1	.	.	.	.	.	.	18
1.00-1.24	.	.	3	.	.	.	.	.	.	.	3
1.25-1.49	.	.	1	.	.	.	.	.	.	.	1
1.50-1.74	.	.	1	.	.	.	.	.	.	.	1
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3299	17	2	0	0	0	0	0	0	3105

MEAN HS(M) = 0.1 LARGEST HS(M)= 1.5 MEAN TP(SEC)= 3.0 NO. OF CASES= 3105.

STATION 016 43.45N 76.65W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9	12.0- LONGER
0.00-0.24	.	1776	4	.	.	.	.	.	.	.	1780
0.25-0.49	.	486	4	.	.	.	.	.	.	.	490
0.50-0.74	.	381	1	.	.	.	.	.	.	.	382
0.75-0.99	.	42	5	.	.	.	.	.	.	.	47
1.00-1.24	.	.	24	.	.	.	.	.	.	.	24
1.25-1.49	.	.	5	2	.	.	.	.	.	.	7
1.50-1.74	.	.	1	2	.	.	.	.	.	.	3
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2685	44	4	0	0	0	0	0	0	2560

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.0 NO. OF CASES= 2560.

STATION 016 43.45N 76.65W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1810	1	.	.	.	.	.	.	.	1811
0.25-0.49	.	909	3	.	.	.	.	.	.	.	912
0.50-0.74	.	642	.	.	.	.	.	.	.	.	642
0.75-0.99	.	50	3	.	.	.	.	.	.	.	53
1.00-1.24	.	2	87	.	.	.	.	.	.	.	89
1.25-1.49	.	.	19	.	.	.	.	.	.	.	19
1.50-1.74	.	.	2	2	.	.	.	.	.	.	4
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3413	115	2	0	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.0 NO. OF CASES= 3304.

STATION 016 43.45N 76.65W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1172	8	.	.	.	.	.	.	.	1180
0.25-0.49	.	1011	4	.	.	.	.	.	.	.	1015
0.50-0.74	.	716	13	3	.	.	.	.	.	.	732
0.75-0.99	.	69	12	2	.	.	.	.	.	.	83
1.00-1.24	.	3	29	1	.	.	.	.	.	.	33
1.25-1.49	.	.	8	.	.	.	.	.	.	.	8
1.50-1.74	.	.	.	.	.	.	.	.	.	.	0
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2971	74	7	0	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.0 NO. OF CASES= 2860.

STATION 016 43.45N 76.65W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2002	11	.	.	.	.	.	.	.	2013
0.25-0.49	.	978	42	2	.	.	.	.	.	.	1022
0.50-0.74	.	700	147	9	.	.	.	.	.	.	856
0.75-0.99	.	59	108	9	.	.	.	.	.	.	176
1.00-1.24	.	2	63	12	.	.	.	.	.	.	77
1.25-1.49	.	.	7	5	.	.	.	.	.	.	12
1.50-1.74	.	.	2	16	.	.	.	.	.	.	18
1.75-1.99	.	.	.	5	.	.	.	.	.	.	5
2.00-2.24	.	.	.	.	4	.	.	.	.	.	4
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	1	.	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3741	380	58	6	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.1 NO. OF CASES= 3921.

STATION 016 43.45N 76.65W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2722	14	1	.	.	.	.	.	.	2737
0.25-0.49	.	1767	125	14	.	.	.	.	.	.	1906
0.50-0.74	.	904	353	39	.	.	.	.	.	.	1502
0.75-0.99	.	91	380	105	.	.	.	.	.	.	588
1.00-1.24	.	3	302	174	1	.	.	.	.	.	491
1.25-1.49	.	.	16	142	1	.	.	.	.	.	142
1.50-1.74	.	.	1	101	3	.	.	.	.	.	136
1.75-1.99	.	.	.	23	3	2	.	.	.	.	50
2.00-2.24	.	.	.	5	3	4	.	.	.	.	44
2.25-2.49	.	.	.	.	1	.	.	.	.	.	11
2.50-2.74	.	.	.	.	1	3	.	.	.	.	12
2.75-2.99	.	.	.	.	2	5	.	.	.	.	6
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	1	.	.	.	.	1
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5487	1401	574	150	20	0	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 3.4 NO. OF CASES= 7153.

STATION 016 43.45N 76.65W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		10491	245	7							10743
0.25-0.49		5382	2822	295	2						8501
0.50-0.74		1399	2736	3062	68						7265
0.75-0.99		120	693	1513	437						2783
1.00-1.24			388	1031	1124	27					2590
1.25-1.49			18	371	179	105					1073
1.50-1.74			4	203	509	171					1026
1.75-1.99				34	179	112	16				436
2.00-2.24				2	80	275	68				524
2.25-2.49					44	79	91				250
2.50-2.74					2	114	104				262
2.75-2.99						15	53				130
3.00-3.24						73	71				144
3.25-3.49						24	54				78
3.50+						2	248	49	2		301
TOTAL	0	17392	6906	6558	3233	1257	709	49	2	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 6.6 MEAN TP(SEC)= 4.1 NO. OF CASES= 33784.

STATION 016 43.45N 76.65W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		3258	11	2							3271
0.25-0.49		2413	309	40	1						2763
0.50-0.74		842	1095	620	3						2560
0.75-0.99		58	380	653	49	1					1141
1.00-1.24			259	617	267						1143
1.25-1.49			9	268	199	9					485
1.50-1.74			2	158	219	49					428
1.75-1.99				28	98	36	1				163
2.00-2.24				3	112	70	3				188
2.25-2.49					41	27	17				85
2.50-2.74					33	59	14				106
2.75-2.99					2	33	5				40
3.00-3.24						28	7				35
3.25-3.49						5	12				17
3.50+						7	52	3			62
TOTAL	0	6571	2065	2389	1024	324	111	3	0	0	

MEAN HS(M) = 0.7 LARGEST HS(M)= 7.1 MEAN TP(SEC)= 3.9 NO. OF CASES= 11697.

STATION 016 43.45N 76.65W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		1622	4								1626
0.25-0.49		1121	28	2							1151
0.50-0.74		474	316	41							831
0.75-0.99		27	221	91	2						341
1.00-1.24			97	170	9						276
1.25-1.49			1	99	5						105
1.50-1.74				28	12						40
1.75-1.99				16	13						29
2.00-2.24					17	1					18
2.25-2.49					6						6
2.50-2.74					6						6
2.75-2.99						1					1
3.00-3.24											0
3.25-3.49											0
3.50+							1				1
TOTAL	0	3244	667	447	70	2	1	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.7 MEAN TP(SEC)= 3.4 NO. OF CASES= 4155.

STATION 016 43.45N 76.65W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		1129									1129
0.25-0.49		664	13								677
0.50-0.74		378	253	18							649
0.75-0.99		19	154	73							246
1.00-1.24			73	104	2						179
1.25-1.49			1	39	4						44
1.50-1.74				22	8						30
1.75-1.99				2	9	1					12
2.00-2.24					6	1					7
2.25-2.49					3						3
2.50-2.74					6	2					8
2.75-2.99						1					1
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	2190	494	258	38	5	0	0	0	0	

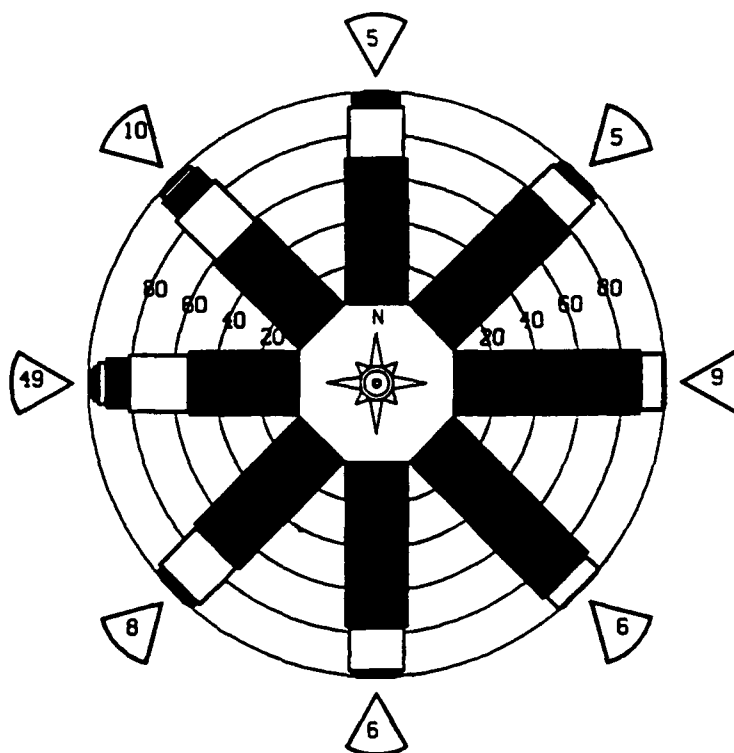
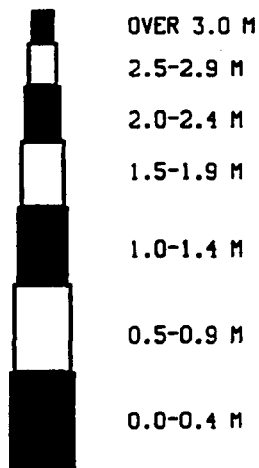
MEAN HS(M) = 0.4 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.4 NO. OF CASES= 2800.

STATION 016 43.45N 76.65W FOR ALL DIRECTIONS  
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4055	31	1	.	.	.	.	.	.	4087
0.25-0.49	.	1909	365	36	.	.	.	.	.	.	2310
0.50-0.74	.	800	601	389	7	.	.	.	.	.	1797
0.75-0.99	.	62	216	264	51	.	.	.	.	.	533
1.00-1.24	.	1	141	229	144	2	.	.	.	.	517
1.25-1.49	.	.	9	94	82	11	.	.	.	.	196
1.50-1.74	.	.	1	56	80	36	.	.	.	.	173
1.75-1.99	.	.	.	13	35	21	.	.	.	.	80
2.00-2.24	.	.	.	1	37	35	7	.	.	.	84
2.25-2.49	.	.	.	.	14	10	10	.	.	.	34
2.50-2.74	.	.	.	.	10	18	11	.	.	.	38
2.75-2.99	.	.	.	.	.	11	5	.	.	.	16
3.00-3.24	.	.	.	.	.	10	.	.	.	.	19
3.25-3.49	.	.	.	.	.	3	.	.	.	.	6
3.50+	.	.	.	.	.	.	30	.	.	.	30
TOTAL	0	6827	1364	1083	460	158	77	5	0	0	93504

MEAN HS(M)= 0.5 LARGEST HS(M)= 7.1 MEAN TP(SEC)= 3.6 TOTAL CASES= 93504.

STATION 16  
 43.45N, 76.65 W  
 93504 CASES



MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 016 (43.45N 76.65W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1957	0.4	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1958	0.5	0.6	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1959	0.7	0.6	0.4	0.4	0.3	0.4	0.2	0.3	0.3	0.4	0.4	0.4	0.4
1960	0.5	0.7	0.4	0.5	0.3	0.3	0.3	0.2	0.3	0.4	0.4	0.4	0.4
1961	0.5	0.5	0.4	0.5	0.5	0.4	0.2	0.3	0.3	0.4	0.4	0.4	0.4
1962	0.8	0.5	0.4	0.6	0.4	0.3	0.5	0.4	0.3	0.5	0.4	0.4	0.5
1963	0.9	0.6	0.4	0.8	0.6	0.3	0.4	0.4	0.3	0.5	0.4	0.4	0.6
1964	0.8	0.6	0.7	0.5	0.6	0.4	0.3	0.3	0.4	0.3	0.4	0.4	0.5
1965	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.5	0.4	0.5
1966	0.8	0.5	0.5	0.4	0.5	0.3	0.4	0.3	0.4	0.3	0.6	0.4	0.5
1967	0.6	0.6	0.4	0.7	0.5	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.5
1968	0.5	1.2	0.6	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.6	1.1	0.5
1969	0.8	0.8	0.4	0.4	0.4	0.3	0.2	0.3	0.3	0.3	0.5	0.4	0.5
1970	0.4	0.7	0.6	0.6	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5
1971	1.0	1.0	0.6	0.6	0.4	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.5
1972	0.9	0.8	0.7	0.5	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5
1973	1.0	0.5	0.5	0.6	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5
1974	0.7	0.7	0.8	0.7	0.5	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5
1975	0.7	0.8	0.9	0.7	0.5	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5
1976	0.7	0.8	0.9	0.7	0.5	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5
1977	1.1	0.9	0.8	0.6	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.6
1978	1.0	0.5	0.6	0.6	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.5
1979	0.8	0.6	0.7	0.7	0.3	0.3	0.2	0.3	0.3	0.3	0.4	0.4	0.5
1980	0.7	0.6	0.7	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.4	0.5
1981	0.5	0.6	0.7	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.5	0.4	0.5
1982	1.0	0.7	0.8	1.1	0.2	0.3	0.3	0.3	0.3	0.3	0.6	0.4	0.5
1983	0.5	0.4	0.6	0.4	0.5	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.5
1984	0.4	0.4	0.5	0.3	0.5	0.3	0.2	0.3	0.3	0.3	0.3	0.6	0.5
1985	0.7	0.6	0.6	0.4	0.3	0.4	0.2	0.3	0.3	0.3	0.3	0.6	0.5
1986	0.7	0.5	0.6	0.4	0.4	0.4	0.2	0.3	0.3	0.3	0.5	0.5	0.5
1987	0.6	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
MEAN	0.7	0.7	0.6	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 016 (43.45N 76.65W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.2	3.9	3.2	2.8	2.2	2.2	1.0	1.3	1.4	1.9	2.0	1.6	
1957	1.7	1.7	2.5	2.9	1.6	2.2	1.9	0.9	1.1	1.3	1.9	2.4	
1958	2.3	3.6	2.4	2.5	2.0	2.2	2.2	1.1	1.2	1.8	3.5	2.4	
1959	2.3	3.3	4.3	2.1	1.6	2.2	1.2	1.1	1.2	2.8	3.0	2.8	
1960	2.3	3.1	1.3	3.3	1.3	2.2	1.4	1.1	1.2	0.7	1.5	2.0	
1961	2.8	3.3	2.1	3.0	2.6	3.6	0.9	1.1	1.6	1.8	2.2	2.9	
1962	3.4	2.8	2.4	2.6	1.7	3.3	2.2	2.9	2.3	2.2	2.5	2.9	
1963	3.1	3.6	3.9	7.1	3.1	3.1	1.9	2.6	2.0	2.5	2.6	2.7	
1964	3.3	3.6	2.2	2.6	4.0	2.2	1.8	1.7	1.5	1.7	3.0	4.4	
1965	3.3	3.3	2.4	3.4	1.6	2.7	1.2	1.9	1.1	2.8	4.5	2.6	
1966	6.0	5.1	2.4	1.8	2.7	1.2	1.7	1.6	2.2	1.9	2.5	3.0	
1967	2.1	4.8	2.2	3.8	2.2	1.5	1.1	1.1	1.1	2.8	2.2	2.7	
1968	3.7	4.2	2.2	3.9	2.1	1.2	1.1	1.1	1.1	2.8	2.2	2.6	
1969	4.4	4.9	2.4	2.6	2.4	2.2	1.5	1.6	1.7	2.2	2.3	2.8	
1970	1.7	2.6	4.1	4.3	1.3	1.2	1.6	1.1	1.9	1.3	3.8	2.7	
1971	4.4	5.8	4.5	2.5	2.2	1.1	1.3	1.5	1.1	1.8	3.3	2.8	
1972	6.5	4.4	4.0	1.4	1.4	1.2	1.7	1.1	1.3	2.3	2.0	2.2	
1973	3.7	2.8	3.3	2.6	1.8	3.1	1.6	1.2	2.7	3.5	2.4	4.4	
1974	4.4	5.4	4.9	4.3	2.8	2.2	1.3	1.0	2.7	1.9	2.1	3.5	
1975	3.6	6.6	3.3	4.4	1.6	3.4	1.7	1.5	1.9	1.6	3.3	3.5	
1976	4.2	6.3	3.3	2.6	3.3	3.5	1.4	1.4	2.2	1.9	3.3	4.4	
1977	3.9	4.0	3.4	3.9	1.7	1.5	3.0	1.5	2.0	2.6	2.2	3.9	
1978	4.9	2.3	3.3	3.6	1.8	1.1	1.6	1.0	1.3	1.4	3.5	3.9	
1979	3.7	4.2	3.3	3.6	1.5	3.3	1.1	1.8	1.1	1.5	2.2	4.4	
1980	5.8	2.1	2.2	2.7	1.7	2.2	1.3	1.1	1.1	2.4	2.7	3.3	
1981	2.7	3.2	2.6	3.5	1.6	2.5	1.6	1.1	2.3	3.2	2.8	2.1	
1982	5.7	3.2	4.4	3.5	1.2	1.2	1.7	1.0	1.8	2.8	2.6	4.0	
1983	3.2	2.3	3.0	1.8	1.8	2.2	1.0	1.4	1.1	2.4	2.3	3.9	
1984	2.3	2.3	3.3	1.3	2.7	1.1	1.1	1.0	1.1	1.3	2.2	2.3	
1985	3.7	2.2	2.8	2.4	1.5	2.2	1.2	1.0	1.1	1.6	2.2	2.2	
1986	2.9	3.2	2.4	1.4	2.4	1.2	1.1	1.9	2.2	1.6	2.8	2.0	
1987	2.8	2.0	2.0	2.2	1.9	1.6	0.8	1.1	1.2	1.4	2.3	2.3	

32 YR. STATISTICS FOR WIS STATION 016

MEAN SIGNIFICANT WAVE HEIGHT . . . . . (METERS)	0.5
MEAN PEAK WAVE PERIOD . . . . . (SECONDS)	3.6
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND . . (DEGREES)	270.0
STANDARD DEVIATION OF WAVE HS . . . . . (METERS)	0.5
STANDARD DEVIATION OF WAVE TP . . . . . (SECONDS)	1.1
LARGEST WAVE HS . . . . . (METERS)	7.1
WAVE TP ASSOCIATED WITH LARGEST WAVE HS . . . . . (SECONDS)	10.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS . . (DEGREES)	299.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)	63040500

STATION 017 43.60N 76.45W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1427	.	.	.	.	.	.	.	.	1427
0.25-0.49	.	695	3	.	.	.	.	.	.	.	698
0.50-0.74	.	351	155	2	.	.	.	.	.	.	508
0.75-0.99	.	7	135	11	.	.	.	.	.	.	153
1.00-1.24	.	.	74	26	.	.	.	.	.	.	100
1.25-1.49	.	.	1	18	.	.	.	.	.	.	19
1.50-1.74	.	.	.	21	3	.	.	.	.	.	24
1.75-1.99	.	.	.	1	4	.	.	.	.	.	5
2.00-2.24	.	.	.	.	6	.	.	.	.	.	6
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2480	368	79	15	0	0	0	0	0	2758.

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.2 NO. OF CASES= 2758.

STATION 017 43.60N 76.45W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1125	.	.	.	.	.	.	.	.	1125
0.25-0.49	.	441	.	.	.	.	.	.	.	.	441
0.50-0.74	.	263	69	.	.	.	.	.	.	.	332
0.75-0.99	.	2	50	5	.	.	.	.	.	.	57
1.00-1.24	.	.	25	9	.	.	.	.	.	.	34
1.25-1.49	.	.	.	5	.	.	.	.	.	.	5
1.50-1.74	.	.	.	4	1	.	.	.	.	.	5
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	3	.	.	.	.	.	3
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1831	144	23	4	0	0	0	0	0	1876.

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.1 NO. OF CASES= 1876.

STATION 017 43.60N 76.45W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1737	.	.	.	.	.	.	.	.	1737
0.25-0.49	.	606	.	.	.	.	.	.	.	.	606
0.50-0.74	.	324	117	1	.	.	.	.	.	.	442
0.75-0.99	.	4	96	6	.	.	.	.	.	.	106
1.00-1.24	.	.	104	12	.	.	.	.	.	.	116
1.25-1.49	.	.	.	20	.	.	.	.	.	.	20
1.50-1.74	.	.	.	11	.	.	.	.	.	.	11
1.75-1.99	.	.	.	7	.	.	.	.	.	.	7
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2671	317	57	0	0	0	0	0	0	2853.

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.1 NO. OF CASES= 2853.

STATION 017 43.60N 76.45W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2162	.	.	.	.	.	.	.	.	2162
0.25-0.49	.	1070	1	.	.	.	.	.	.	.	1071
0.50-0.74	.	628	91	.	.	.	.	.	.	.	719
0.75-0.99	.	63	149	.	.	.	.	.	.	.	212
1.00-1.24	.	.	110	6	.	.	.	.	.	.	116
1.25-1.49	.	.	.	7	.	.	.	.	.	.	7
1.50-1.74	.	.	.	17	.	.	.	.	.	.	17
1.75-1.99	.	.	.	4	.	.	.	.	.	.	4
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3923	351	34	1	0	0	0	0	0	4034.

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.1 NO. OF CASES= 4034.

STATION 017 43.60N 76.45W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2810	1	.	.	.	.	.	.	.	2811
0.25-0.49	.	902	.	.	.	.	.	.	.	.	902
0.50-0.74	.	521	4	.	.	.	.	.	.	.	525
0.75-0.99	.	58	96	.	.	.	.	.	.	.	154
1.00-1.24	.	.	34	1	.	.	.	.	.	.	35
1.25-1.49	.	.	.	6	.	.	.	.	.	.	6
1.50-1.74	.	.	.	10	.	.	.	.	.	.	10
1.75-1.99	.	.	.	2	.	.	.	.	.	.	2
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4291	135	19	0	0	0	0	0	0	

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.0 NO. OF CASES= 4161.

STATION 017 43.60N 76.45W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2037	.	.	.	.	.	.	.	.	2037
0.25-0.49	.	407	.	.	.	.	.	.	.	.	407
0.50-0.74	.	218	1	.	.	.	.	.	.	.	219
0.75-0.99	.	29	14	.	.	.	.	.	.	.	43
1.00-1.24	.	.	9	.	.	.	.	.	.	.	9
1.25-1.49	.	.	.	.	.	.	.	.	.	.	0
1.50-1.74	.	.	.	1	.	.	.	.	.	.	1
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2691	24	1	0	0	0	0	0	0	

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.0 NO. OF CASES= 2543.

STATION 017 43.60N 76.45W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2387	.	.	.	.	.	.	.	.	2387
0.25-0.49	.	451	.	.	.	.	.	.	.	.	451
0.50-0.74	.	339	.	.	.	.	.	.	.	.	339
0.75-0.99	.	23	6	.	.	.	.	.	.	.	29
1.00-1.24	.	.	14	.	.	.	.	.	.	.	14
1.25-1.49	.	.	3	.	.	.	.	.	.	.	3
1.50-1.74	.	.	.	2	.	.	.	.	.	.	2
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3200	23	2	0	0	0	0	0	0	

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.5 MEAN TP(SEC)= 3.0 NO. OF CASES= 3018.

STATION 017 43.60N 76.45W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1968	.	.	.	.	.	.	.	.	1968
0.25-0.49	.	622	.	.	.	.	.	.	.	.	622
0.50-0.74	.	427	.	.	.	.	.	.	.	.	427
0.75-0.99	.	62	7	.	.	.	.	.	.	.	69
1.00-1.24	.	1	37	.	.	.	.	.	.	.	38
1.25-1.49	.	.	11	.	.	.	.	.	.	.	12
1.50-1.74	.	.	.	2	.	.	.	.	.	.	3
1.75-1.99	.	.	.	.	.	.	.	.	.	.	2
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3080	55	6	0	0	0	0	0	0	

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.0 NO. OF CASES= 2941.

STATION O17 43.60N 76.45W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		2241									2241
0.25-0.49		925									925
0.50-0.74		650									650
0.75-0.99		66									66
1.00-1.24		1	102								103
1.25-1.49			31								31
1.50-1.74			2	3							5
1.75-1.99											0
2.00-2.24											0
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	3883	136	3	0	0	0	0	0	0	3763

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.0 NO. OF CASES= 3763.

STATION O17 43.60N 76.45W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		1542	7	2							1551
0.25-0.49		958	3	1							962
0.50-0.74		772	6	1							779
0.75-0.99		82	20								102
1.00-1.24		20	29	5							54
1.25-1.49			10								10
1.50-1.74			1	1							2
1.75-1.99				1							1
2.00-2.24											0
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	3374	76	11	0	0	0	0	0	0	3241

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3 NO. OF CASES= 3241.

STATION O17 43.60N 76.45W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		2546	21	1							2568
0.25-0.49		1058	53	2							1123
0.50-0.74		780	176	33							999
0.75-0.99		100	112	33							245
1.00-1.24		2	68	40	1						111
1.25-1.49			13	18							31
1.50-1.74				14	1						15
1.75-1.99				6							6
2.00-2.24				2	3						5
2.25-2.49					1	1					2
2.50-2.74					1						1
2.75-2.99						1					0
3.00-3.24											1
3.25-3.49											0
3.50+											0
TOTAL	0	4496	453	149	7	2	0	0	0	0	4783

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 3.2 NO. OF CASES= 4783.

STATION O17 43.60N 76.45W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		4860	103	5							4968
0.25-0.49		2282	458	33							2773
0.50-0.74		973	897	348	14						2232
0.75-0.99		129	404	324	43	1					901
1.00-1.24		2	241	375	110	6					734
1.25-1.49			28	168	77	13					286
1.50-1.74			4	105	108	22					239
1.75-1.99				29	57	14	2				102
2.00-2.24				12	68	12	3				95
2.25-2.49					34	6	1				41
2.50-2.74					23	12	3				38
2.75-2.99					3	11	4				18
3.00-3.24						14	1				15
3.25-3.49						2	7				9
3.50+						1	13	1	0	0	15
TOTAL	0	8246	2135	1399	537	114	34	1	0	0	11679

MEAN HS(M) = 0.5 LARGEST HS(M)= 5.2 MEAN TP(SEC)= 3.6 NO. OF CASES= 11679.



STATION 017 43.60N 76.45W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	9757	279	16	.	.	.	.	.	.	10052
0.25-0.49	.	4688	3009	499	6	.	.	.	.	.	8202
0.50-0.74	.	1178	2235	3044	147	.	.	.	.	.	6604
0.75-0.99	.	125	544	1311	487	2	.	.	.	.	2469
1.00-1.24	.	1	336	842	974	51	.	.	.	.	2204
1.25-1.49	.	.	16	279	485	114	.	.	.	.	894
1.50-1.74	.	.	.	166	383	259	16	.	.	.	824
1.75-1.99	.	.	.	28	135	147	35	.	.	.	345
2.00-2.24	.	.	.	4	156	191	55	.	.	.	406
2.25-2.49	.	.	.	.	54	50	62	.	.	.	166
2.50-2.74	.	.	.	.	41	82	103	.	.	.	226
2.75-2.99	.	.	.	.	2	53	31	.	.	.	96
3.00-3.24	.	.	.	.	.	37	42	.	.	.	110
3.25-3.49	.	.	.	.	.	13	57	1	.	.	71
3.50+	.	.	.	.	.	4	241	36	.	.	283
TOTAL	0	15749	6419	6189	2870	43	642	38	2	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 6.8 MEAN TP(SEC)= 4.1 NO. OF CASES= 30834.

STATION 017 43.60N 76.45W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2464	62	2	.	.	.	.	.	.	2528
0.25-0.49	.	1492	330	18	1	.	.	.	.	.	1841
0.50-0.74	.	779	647	286	14	.	.	.	.	.	1716
0.75-0.99	.	55	442	275	19	.	.	.	.	.	787
1.00-1.24	.	1	412	274	131	.	.	.	.	.	818
1.25-1.49	.	.	31	156	116	11	.	.	.	.	314
1.50-1.74	.	.	.	127	132	31	.	.	.	.	290
1.75-1.99	.	.	.	28	78	26	.	.	.	.	96
2.00-2.24	.	.	.	13	19	47	.	.	.	.	143
2.25-2.49	.	.	.	1	16	18	5	.	.	.	32
2.50-2.74	.	.	.	.	3	20	.	.	.	.	39
2.75-2.99	.	.	.	.	1	10	.	.	.	.	23
3.00-3.24	.	.	.	.	.	3	.	.	.	.	14
3.25-3.49	.	.	.	.	.	.	45	.	.	.	8
3.50+	.	.	.	.	.	.	48	2	0	0	27
TOTAL	0	4791	1924	1176	562	173	25	2	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 7.2 MEAN TP(SEC)= 3.8 NO. OF CASES= 8130.

STATION 017 43.60N 76.45W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1582	4	.	.	.	.	.	.	.	1586
0.25-0.49	.	912	26	1	.	.	.	.	.	.	939
0.50-0.74	.	509	256	9	1	.	.	.	.	.	775
0.75-0.99	.	24	321	13	.	.	.	.	.	.	358
1.00-1.24	.	.	314	53	3	.	.	.	.	.	370
1.25-1.49	.	.	9	56	2	.	.	.	.	.	67
1.50-1.74	.	.	.	63	7	.	.	.	.	.	70
1.75-1.99	.	.	.	13	7	.	.	.	.	.	20
2.00-2.24	.	.	.	.	20	.	.	.	.	.	20
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	5	.	.	.	.	.	5
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3027	930	208	47	0	0	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.4 NO. OF CASES= 3949.

STATION 017 43.60N 76.45W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1234	.	.	.	.	.	.	.	.	1234
0.25-0.49	.	674	2	.	.	.	.	.	.	.	676
0.50-0.74	.	475	206	3	.	.	.	.	.	.	684
0.75-0.99	.	20	225	25	.	.	.	.	.	.	270
1.00-1.24	.	.	116	65	.	.	.	.	.	.	181
1.25-1.49	.	.	1	35	2	.	.	.	.	.	38
1.50-1.74	.	.	.	26	5	.	.	.	.	.	32
1.75-1.99	.	.	.	2	5	.	.	.	.	.	10
2.00-2.24	.	.	.	.	2	.	.	.	.	.	8
2.25-2.49	.	.	.	.	.	2	.	.	.	.	2
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2403	550	156	26	2	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.3 NO. OF CASES= 2941.

STATION 017 43.60N 76.45W FOR ALL DIRECTIONS  
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

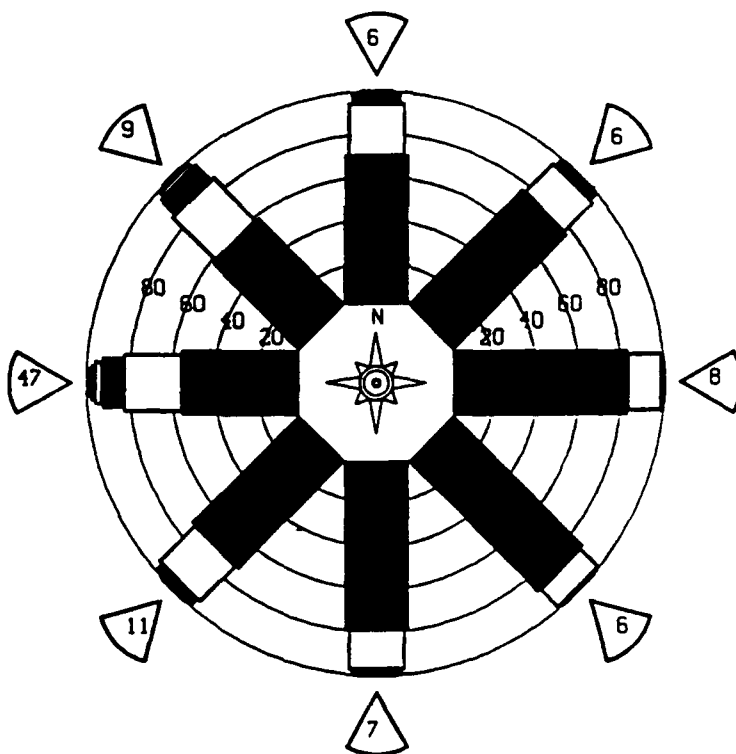
HEIGHT (METRES)	PEAK PERIOD (SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4188	47	2	.	.	.	.	.	.	4237
0.25-0.49	.	1819	389	55	.	.	.	.	.	.	2263
0.50-0.74	.	920	486	373	16	.	.	.	.	.	1793
0.75-0.99	.	85	262	200	55	.	.	.	.	.	603
1.00-1.24	.	2	203	171	122	5	.	.	.	.	503
1.25-1.49	.	.	15	77	68	14	.	.	.	.	174
1.50-1.74	.	.	.	58	64	31	1	.	.	.	154
1.75-1.99	.	.	.	12	25	18	3	.	.	.	58
2.00-2.24	.	.	.	3	34	25	6	.	.	.	22
2.25-2.49	.	.	.	.	11	11	6	.	.	.	20
2.50-2.74	.	.	.	.	8	11	3	.	.	.	12
2.75-2.99	.	.	.	.	.	9	4	.	.	.	13
3.00-3.24	.	.	.	.	.	1	7	.	.	.	8
3.25-3.49	.	.	.	.	.	.	28	.	.	.	31
3.50+	.	.	.	.	.	.	69	.	.	.	69
TOTAL	0	7014	1402	951	403	129	69	3	0	0	93504

MEAN HS(M)= 0.4 LARGEST HS(M)= 7.2 MEAN TP(SEC)= 3.5 TOTAL CASES= 93504.

STATION 17  
43.60N, 76.45 W  
93504 CASES



OVER 3.0 M  
2.5-2.9 M  
2.0-2.4 M  
1.5-1.9 M  
1.0-1.4 M  
0.5-0.9 M  
0.0-0.4 M



MEAN HS(METERS) BY MONTH AND YEAR												
WIS STATION O17 (43.60N 76.45W)												
MONTH												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	0.3	0.5	0.4	0.4	0.4	0.3	0.3	0.2	0.3	0.2	0.4	0.4
1957	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1958	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6

LARGEST HS(METERS) BY MONTH AND YEAR												
WIS STATION O17 (43.60N 76.45W)												
MONTH												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	1.2	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1957	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1958	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1959	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1960	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1961	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1962	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1963	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1964	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1965	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1966	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1967	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1968	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1969	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1970	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1971	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1972	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1973	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1974	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1975	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1976	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1977	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1978	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1979	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1980	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1981	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1982	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1983	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1984	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1985	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1986	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3
1987	1.1	3.3	3.3	2.6	2.4	1.7	1.0	1.2	1.2	1.3	2.2	1.3

# 32 YR. STATISTICS FOR WIS STATION O17

MEAN SIGNIFICANT WAVE HEIGHT	(METERS)	0.4
MEAN PEAK WAVE PERIOD	(SECONDS)	3.5
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND	(DEGREES)	270.0
STANDARD DEVIATION OF WAVE HS	(METERS)	0.5
STANDARD DEVIATION OF WAVE TP	(SECONDS)	1.0
LARGEST WAVE HS	(METERS)	7.2
WAVE TP ASSOCIATED WITH LARGEST WAVE HS	(SECONDS)	10.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS	(DEGREES)	293.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		63040500

STATION 018 43.60N 76.25W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1489	3	.	.	.	.	.	.	.	1492
0.25-0.49	.	595	8	.	.	.	.	.	.	.	603
0.50-0.74	.	367	18	3	.	.	.	.	.	.	388
0.75-0.99	.	63	44	2	.	.	.	.	.	.	109
1.00-1.24	.	.	48	5	.	.	.	.	.	.	53
1.25-1.49	.	.	4	5	.	.	.	.	.	.	9
1.50-1.74	.	.	.	10	1	.	.	.	.	.	11
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2514	125	26	1	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.1 NO. OF CASES= 2499.

STATION 018 43.60N 76.25W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1060	1	.	.	.	.	.	.	.	1061
0.25-0.49	.	321	.	.	.	.	.	.	.	.	321
0.50-0.74	.	166	10	.	.	.	.	.	.	.	176
0.75-0.99	.	4	11	.	.	.	.	.	.	.	15
1.00-1.24	.	.	4	1	.	.	.	.	.	.	5
1.25-1.49	.	.	1	.	.	.	.	.	.	.	1
1.50-1.74	.	.	.	1	.	.	.	.	.	.	1
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1551	27	3	0	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.0 NO. OF CASES= 1483.

STATION 018 43.60N 76.25W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1660	4	.	.	.	.	.	.	.	1664
0.25-0.49	.	521	.	1	.	.	.	.	.	.	522
0.50-0.74	.	330	4	.	.	.	.	.	.	.	334
0.75-0.99	.	34	13	.	.	.	.	.	.	.	47
1.00-1.24	.	1	9	1	.	.	.	.	.	.	11
1.25-1.49	.	.	4	.	.	.	.	.	.	.	4
1.50-1.74	.	.	.	.	.	.	.	.	.	.	0
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2546	34	2	0	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.4 MEAN TP(SEC)= 3.0 NO. OF CASES= 2419.

STATION 018 43.60N 76.25W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2351	1	1	.	.	.	.	.	.	2353
0.25-0.49	.	1136	.	.	.	.	.	.	.	.	1136
0.50-0.74	.	776	.	.	.	.	.	.	.	.	776
0.75-0.99	.	58	10	.	.	.	.	.	.	.	68
1.00-1.24	.	.	22	.	.	.	.	.	.	.	22
1.25-1.49	.	.	6	.	.	.	.	.	.	.	6
1.50-1.74	.	.	.	.	.	.	.	.	.	.	0
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4321	39	1	0	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.4 MEAN TP(SEC)= 3.0 NO. OF CASES= 4082.

STATION 018 43.60N 76.25W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	3126	4	.	.	.	.	.	.	.	3130
0.25-0.49	.	1160	.	.	.	.	.	.	.	.	1160
0.50-0.74	.	462	.	.	.	.	.	.	.	.	462
0.75-0.99	.	14	.	.	.	.	.	.	.	.	14
1.00-1.24	.	.	23	.	.	.	.	.	.	.	23
1.25-1.49	.	.	3	.	.	.	.	.	.	.	3
1.50-1.74	.	.	.	.	.	.	.	.	.	.	0
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4762	30	0	0	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.3 MEAN TP(SEC)= 3.0 NO. OF CASES= 4483.

STATION 018 43.60N 76.25W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2344	.	.	.	.	.	.	.	.	2344
0.25-0.49	.	447	.	.	.	.	.	.	.	.	447
0.50-0.74	.	188	.	.	.	.	.	.	.	.	188
0.75-0.99	.	7	1	.	.	.	.	.	.	.	8
1.00-1.24	.	.	1	.	.	.	.	.	.	.	1
1.25-1.49	.	.	3	.	.	.	.	.	.	.	3
1.50-1.74	.	.	.	.	.	.	.	.	.	.	0
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2986	5	0	0	0	0	0	0	0	0

MEAN HS(M) = 0.1 LARGEST HS(M)= 1.3 MEAN TP(SEC)= 3.0 NO. OF CASES= 2798.

STATION 018 43.60N 76.25W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2577	1	.	.	.	.	.	.	.	2578
0.25-0.49	.	395	.	.	.	.	.	.	.	.	395
0.50-0.74	.	283	.	.	.	.	.	.	.	.	283
0.75-0.99	.	16	1	.	.	.	.	.	.	.	17
1.00-1.24	.	1	5	.	.	.	.	.	.	.	6
1.25-1.49	.	.	1	.	.	.	.	.	.	.	1
1.50-1.74	.	.	.	.	.	.	.	.	.	.	0
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3272	8	0	0	0	0	0	0	0	0

MEAN HS(M) = 0.1 LARGEST HS(M)= 1.3 MEAN TP(SEC)= 3.0 NO. OF CASES= 3069.

STATION 018 43.60N 76.25W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1840	.	.	.	.	.	.	.	.	1840
0.25-0.49	.	602	.	.	.	.	.	.	.	.	602
0.50-0.74	.	480	.	.	.	.	.	.	.	.	480
0.75-0.99	.	60	8	.	.	.	.	.	.	.	68
1.00-1.24	.	1	44	.	.	.	.	.	.	.	45
1.25-1.49	.	.	8	1	.	.	.	.	.	.	9
1.50-1.74	.	.	1	4	.	.	.	.	.	.	5
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2983	61	5	0	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.0 NO. OF CASES= 2855.

STATION 018 43.60N 76.25W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24	.	1958	.	.	.	.	.	.	.	.	1958
0.25-0.49	.	1028	.	.	.	.	.	.	.	.	1028
0.50-0.74	.	772	.	.	.	.	.	.	.	.	772
0.75-0.99	.	69	2	.	.	.	.	.	.	.	71
1.00-1.24	.	1	127	.	.	.	.	.	.	.	128
1.25-1.49	.	.	27	.	.	.	.	.	.	.	27
1.50-1.74	.	.	3	3	.	.	.	.	.	.	6
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3828	159	3	0	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.0 NO. OF CASES= 3734.

STATION 018 43.60N 76.25W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24	.	1337	7	.	.	.	.	.	.	.	1344
0.25-0.49	.	983	1	.	.	.	.	.	.	.	984
0.50-0.74	.	721	1	.	.	.	.	.	.	.	722
0.75-0.99	.	60	1	.	.	.	.	.	.	.	61
1.00-1.24	.	2	28	.	.	.	.	.	.	.	30
1.25-1.49	.	.	3	.	.	.	.	.	.	.	3
1.50-1.74	.	.	2	1	.	.	.	.	.	.	3
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3103	43	1	0	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.0 NO. OF CASES= 2948.

STATION 018 43.60N 76.25W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24	.	1998	40	6	.	.	.	.	.	.	2044
0.25-0.49	.	943	36	6	.	.	.	.	.	.	985
0.50-0.74	.	768	35	22	.	.	.	.	.	.	825
0.75-0.99	.	88	28	11	.	.	.	.	.	.	127
1.00-1.24	.	1	25	5	.	.	.	.	.	.	31
1.25-1.49	.	.	11	.	.	.	.	.	.	.	11
1.50-1.74	.	.	3	11	.	.	.	.	.	.	14
1.75-1.99	.	.	.	2	2	.	.	.	.	.	4
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3798	178	63	3	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 3.1 NO. OF CASES= 3789.

STATION 018 43.60N 76.25W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24	.	4214	106	9	1	.	.	.	.	.	4329
0.25-0.49	.	1792	412	35	19	1	.	.	.	.	2240
0.50-0.74	.	1034	505	275	19	1	.	.	.	.	1834
0.75-0.99	.	175	262	224	19	.	.	.	.	.	680
1.00-1.24	.	3	118	294	74	5	.	.	.	.	494
1.25-1.49	.	.	33	88	48	11	.	.	.	.	180
1.50-1.74	.	.	5	68	71	6	.	.	.	.	150
1.75-1.99	.	.	.	14	21	2	.	.	.	.	37
2.00-2.24	.	.	.	3	39	8	.	.	.	.	50
2.25-2.49	.	.	.	.	18	7	1	.	.	.	26
2.50-2.74	.	.	.	.	5	6	.	.	.	.	11
2.75-2.99	.	.	.	.	2	7	.	.	.	.	9
3.00-3.24	.	.	.	.	.	2	.	.	.	.	2
3.25-3.49	.	.	.	.	.	2	2	.	.	.	4
3.50+	.	.	.	.	.	1	5	.	.	.	6
TOTAL	0	7218	1441	1010	317	58	8	0	0	0	0

MEAN HS(M) = 0.4 LARGEST HS(M)= 4.5 MEAN TP(SEC)= 3.5 NO. OF CASES= 9417.

STATION 018 43.60N 76.25W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	11024	490	27	.	.	.	.	.	.	11541
0.25-0.49	.	4793	3649	701	9	.	.	.	.	.	9152
0.50-0.74	.	1344	2137	3518	223	.	.	.	.	.	7222
0.75-0.99	.	170	614	1251	634	2	.	.	.	.	2671
1.00-1.24	.	.	382	869	1035	102	.	.	.	.	2389
1.25-1.49	.	.	28	311	480	135	.	.	.	.	954
1.50-1.74	.	.	2	198	378	270	23	.	.	.	871
1.75-1.99	.	.	.	37	167	149	49	.	.	.	402
2.00-2.24	.	.	.	7	135	183	75	.	.	.	400
2.25-2.49	.	.	.	.	64	56	57	.	.	.	177
2.50-2.74	.	.	.	.	28	99	98	.	.	.	225
2.75-2.99	.	.	.	.	.	69	39	.	.	.	108
3.00-3.24	.	.	.	.	1	70	49	1	.	.	121
3.25-3.49	.	.	.	.	.	22	58	2	.	.	82
3.50+	.	.	.	.	.	8	222	45	.	.	277
TOTAL	0	17332	7302	6919	3154	1165	670	48	2	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 6.5 MEAN TP(SEC)= 4.1 NO. OF CASES= 34242.

STATION 018 43.60N 76.25W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2662	110	6	.	.	.	.	.	.	2778
0.25-0.49	.	1579	337	49	1	.	.	.	.	.	1966
0.50-0.74	.	781	696	284	5	.	.	.	.	.	1766
0.75-0.99	.	67	438	311	31	.	.	.	.	.	847
1.00-1.24	.	.	241	380	135	2	.	.	.	.	758
1.25-1.49	.	.	11	228	100	2	.	.	.	.	347
1.50-1.74	.	.	.	167	123	31	.	.	.	.	320
1.75-1.99	.	.	.	31	63	27	.	.	.	.	119
2.00-2.24	.	.	.	6	82	37	.	.	.	.	130
2.25-2.49	.	.	.	.	36	3	.	.	.	.	46
2.50-2.74	.	.	.	.	36	16	5	.	.	.	57
2.75-2.99	.	.	.	.	1	12	.	.	.	.	13
3.00-3.24	.	.	.	.	.	18	4	.	.	.	23
3.25-3.49	.	.	.	.	.	7	4	.	.	.	11
3.50+	.	.	.	.	.	2	31	2	1	.	36
TOTAL	0	5089	1833	1462	615	158	57	2	1	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 7.5 MEAN TP(SEC)= 3.8 NO. OF CASES= 8637.

STATION 018 43.60N 76.25W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1732	4	.	.	.	.	.	.	.	1736
0.25-0.49	.	810	22	3	.	.	.	.	.	.	835
0.50-0.74	.	471	269	10	.	.	.	.	.	.	750
0.75-0.99	.	38	254	101	.	.	.	.	.	.	393
1.00-1.24	.	.	117	226	3	.	.	.	.	.	346
1.25-1.49	.	.	2	140	4	.	.	.	.	.	146
1.50-1.74	.	.	.	80	19	.	.	.	.	.	99
1.75-1.99	.	.	.	14	22	.	.	.	.	.	36
2.00-2.24	.	.	.	.	26	.	.	.	.	.	26
2.25-2.49	.	.	.	.	9	.	.	.	.	.	9
2.50-2.74	.	.	.	.	11	3	.	.	.	.	14
2.75-2.99	.	.	.	.	.	3	.	.	.	.	3
3.00-3.24	.	.	.	.	.	2	.	.	.	.	2
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3051	668	574	94	8	0	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 3.5 NO. OF CASES= 4121.

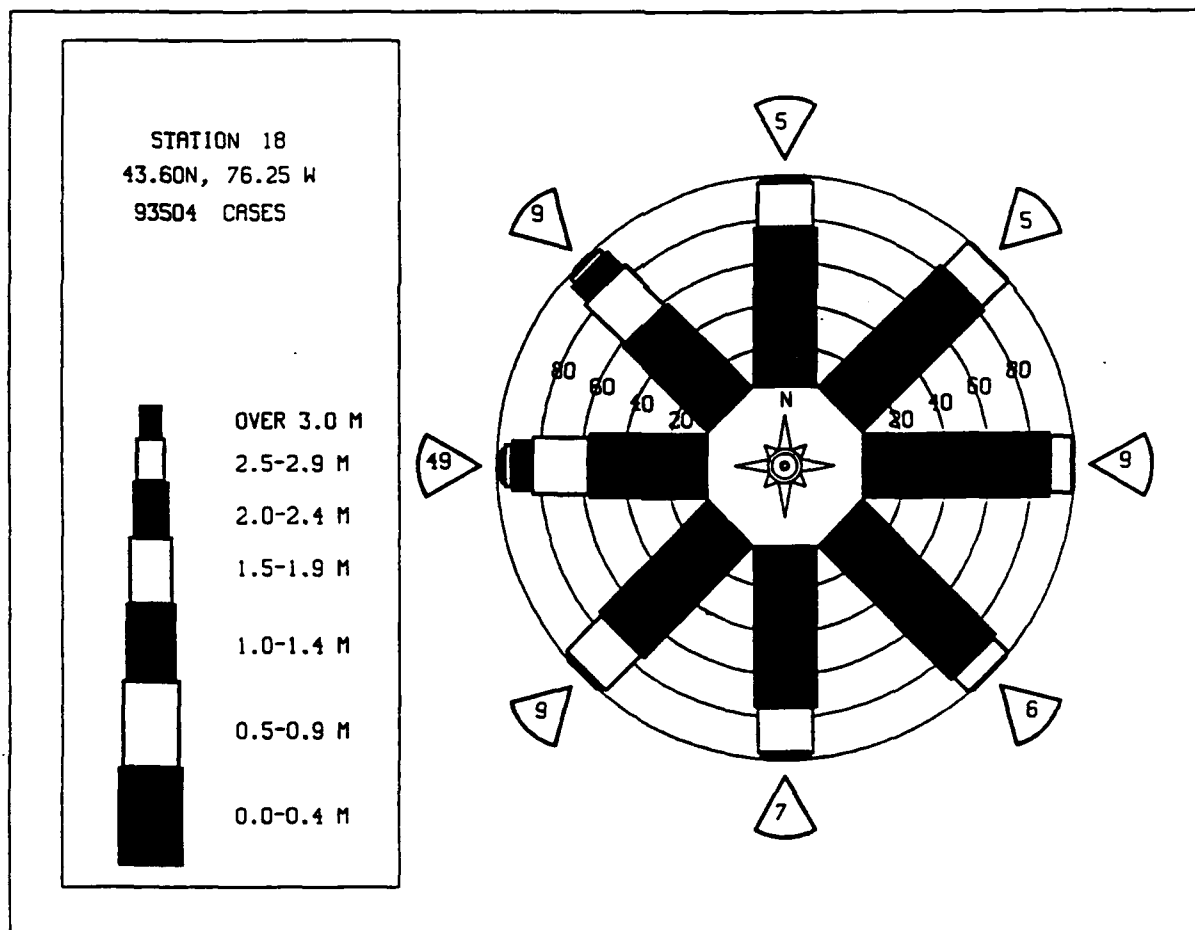
STATION 018 43.60N 76.25W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1344	2	1	.	.	.	.	.	.	1347
0.25-0.49	.	640	5	.	.	.	.	.	.	.	645
0.50-0.74	.	527	128	3	.	.	.	.	.	.	658
0.75-0.99	.	79	162	18	.	.	.	.	.	.	259
1.00-1.24	.	.	98	40	1	.	.	.	.	.	139
1.25-1.49	.	.	3	24	.	.	.	.	.	.	27
1.50-1.74	.	.	.	33	.	.	.	.	.	.	33
1.75-1.99	.	.	.	4	6	.	.	.	.	.	10
2.00-2.24	.	.	.	.	2	.	.	.	.	.	2
2.25-2.49	.	.	.	.	4	.	.	.	.	.	4
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2590	398	123	14	0	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.2 NO. OF CASES= 2928.

STATION 018 43.60N 76.25W FOR ALL DIRECTIONS											TOTAL
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	4272	77	5	.	.	.	.	.	.	4354
0.25-0.49	.	1775	447	79	1	.	.	.	.	.	2302
0.50-0.74	.	947	380	411	24	.	.	.	.	.	1762
0.75-0.99	.	100	185	192	68	.	.	.	.	.	545
1.00-1.24	.	.	130	182	125	11	.	.	.	.	449
1.25-1.49	.	.	15	79	63	15	.	.	.	.	172
1.50-1.74	.	.	.	58	59	30	2	.	.	.	150
1.75-1.99	.	.	1	10	28	17	5	.	.	.	60
2.00-2.24	.	.	.	.	28	22	8	.	.	.	59
2.25-2.49	.	.	.	.	13	6	6	.	.	.	25
2.50-2.74	.	.	.	.	8	12	10	.	.	.	30
2.75-2.99	.	.	.	.	.	9	3	.	.	.	12
3.00-3.24	.	.	.	.	.	9	5	.	.	.	14
3.25-3.49	.	.	.	.	.	3	6	.	.	.	9
3.50+	.	.	.	.	.	1	25	.	.	.	30
TOTAL	0	7095	1235	1017	417	135	70	4	0	0	
MEAN HS(M)=	0.4	LARGEST HS(M)= 7.5		MEAN TP(SEC)= 3.6		TOTAL CASES=		93504.			

MEAN HS(M)= 0.4 LARGEST HS(M)= 7.5 MEAN TP(SEC)= 3.6 TOTAL CASES= 93504.





MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 018 (43.60N 76.25W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	0.4	0.4	0.4	0.4	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1957	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1958	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1959	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1960	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1961	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1962	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1963	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1964	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1965	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1966	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1967	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1968	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1969	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1970	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1971	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1972	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1973	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1974	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1975	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1976	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1977	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1978	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1979	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1980	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1981	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1982	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1983	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1984	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1985	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1986	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1987	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3
MEAN	0.6	0.6	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 018 (43.60N 76.25W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1957	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1958	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1959	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1960	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1961	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1962	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1963	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1964	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1965	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1966	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1967	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1968	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1969	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1970	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1971	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1972	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1973	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1974	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1975	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1976	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1977	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1978	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1979	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1980	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1981	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1982	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1983	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1984	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1985	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1986	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	
1987	1.1	3.4	3.2	2.5	2.4	1.4	1.0	1.3	1.2	1.2	2.2	1.4	

32 YR. STATISTICS FOR WIS STATION 018

MEAN SIGNIFICANT WAVE HEIGHT	(METERS)	0.4
MEAN PEAK WAVE PERIOD	(SECONDS)	3.6
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND	(DEGREES)	270.0
STANDARD DEVIATION OF WAVE HS	(METERS)	0.5
STANDARD DEVIATION OF WAVE TP	(SECONDS)	1.0
LARGEST WAVE HS	(METERS)	7.5
WAVE TP ASSOCIATED WITH LARGEST WAVE HS	(SECONDS)	11.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS	(DEGREES)	294.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		63040500

STATION 019 43.73N 76.25W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1592	5	1	.	.	.	.	.	.	1598
0.25-0.49	.	779	4	.	.	.	.	.	.	.	783
0.50-0.74	.	464	11	1	.	.	.	.	.	.	476
0.75-0.99	.	47	5	3	.	.	.	.	.	.	55
1.00-1.24	.	4	31	1	.	.	.	.	.	.	36
1.25-1.49	.	.	10	1	.	.	.	.	.	.	11
1.50-1.74	.	.	1	.	.	.	.	.	.	.	0
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2886	67	7	0	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.5 MEAN TP(SEC)= 3.0 NO. OF CASES= 2772.

STATION 019 43.73N 76.25W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1420	1	.	.	.	.	.	.	.	1421
0.25-0.49	.	525	3	.	.	.	.	.	.	.	526
0.50-0.74	.	316	3	.	.	.	.	.	.	.	319
0.75-0.99	.	18	4	.	.	.	.	.	.	.	22
1.00-1.24	.	1	7	.	.	.	.	.	.	.	8
1.25-1.49	.	.	7	1	.	.	.	.	.	.	8
1.50-1.74	.	.	.	3	.	.	.	.	.	.	3
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2280	23	4	0	0	0	0	0	0	

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.5 MEAN TP(SEC)= 3.0 NO. OF CASES= 2160.

STATION 019 43.73N 76.25W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2122	2	.	.	.	.	.	.	.	2124
0.25-0.49	.	717	.	.	.	.	.	.	.	.	717
0.50-0.74	.	802	1	.	.	.	.	.	.	.	803
0.75-0.99	.	113	36	.	.	.	.	.	.	.	149
1.00-1.24	.	.	22	.	.	.	.	.	.	.	22
1.25-1.49	.	.	23	2	.	.	.	.	.	.	25
1.50-1.74	.	.	.	2	.	.	.	.	.	.	2
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3754	84	4	0	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.5 MEAN TP(SEC)= 3.0 NO. OF CASES= 3596.

STATION 019 43.73N 76.25W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1972	3	.	.	.	.	.	.	.	1975
0.25-0.49	.	1030	.	.	.	.	.	.	.	.	1030
0.50-0.74	.	818	.	.	.	.	.	.	.	.	818
0.75-0.99	.	71	13	.	.	.	.	.	.	.	84
1.00-1.24	.	.	13	.	.	.	.	.	.	.	13
1.25-1.49	.	.	8	1	.	.	.	.	.	.	9
1.50-1.74	.	.	.	1	.	.	.	.	.	.	1
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3891	37	2	0	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.5 MEAN TP(SEC)= 3.0 NO. OF CASES= 3679.

STATION 019 43.73N 76.25W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2341	3	.	.	.	.	.	.	.	2344
0.25-0.49	.	971	.	.	.	.	.	.	.	.	971
0.50-0.74	.	352	.	.	.	.	.	.	.	.	352
0.75-0.99	.	18	.	.	.	.	.	.	.	.	18
1.00-1.24	.	.	13	.	.	.	.	.	.	.	13
1.25-1.49	.	.	.	.	.	.	.	.	.	.	0
1.50-1.74	.	.	.	.	.	.	.	.	.	.	0
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3682	16	0	0	0	0	0	0	0	3460

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.2 MEAN TP(SEC)= 3.0 NO. OF CASES= 3460.

STATION 019 43.73N 76.25W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1556	1	.	.	.	.	.	.	.	1557
0.25-0.49	.	372	.	.	.	.	.	.	.	.	372
0.50-0.74	.	173	.	.	.	.	.	.	.	.	173
0.75-0.99	.	10	.	.	.	.	.	.	.	.	10
1.00-1.24	.	.	1	.	.	.	.	.	.	.	1
1.25-1.49	.	.	.	.	.	.	.	.	.	.	0
1.50-1.74	.	.	.	.	.	.	.	.	.	.	0
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2111	2	0	0	0	0	0	0	0	1977

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.1 MEAN TP(SEC)= 3.0 NO. OF CASES= 1977.

STATION 019 43.73N 76.25W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1741	.	.	.	.	.	.	.	.	1741
0.25-0.49	.	366	.	.	.	.	.	.	.	.	366
0.50-0.74	.	232	.	.	.	.	.	.	.	.	232
0.75-0.99	.	21	2	.	.	.	.	.	.	.	23
1.00-1.24	.	.	6	.	.	.	.	.	.	.	6
1.25-1.49	.	.	1	2	.	.	.	.	.	.	3
1.50-1.74	.	.	.	.	.	.	.	.	.	.	0
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2360	9	2	0	0	0	0	0	0	2219

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.4 MEAN TP(SEC)= 3.0 NO. OF CASES= 2219.

STATION 019 43.73N 76.25W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1513	.	.	.	.	.	.	.	.	1513
0.25-0.49	.	555	.	.	.	.	.	.	.	.	555
0.50-0.74	.	532	1	.	.	.	.	.	.	.	533
0.75-0.99	.	69	34	1	.	.	.	.	.	.	103
1.00-1.24	.	.	40	5	.	.	.	.	.	.	41
1.25-1.49	.	.	12	1	.	.	.	.	.	.	17
1.50-1.74	.	.	1	11	.	.	.	.	.	.	12
1.75-1.99	.	.	.	4	.	.	.	.	.	.	4
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2669	88	21	1	0	0	0	0	0	2603

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.0 NO. OF CASES= 2603.

STATION 019 43.73N 76.25W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2280	1	.	.	.	.	.	.	.	2281
0.25-0.49	.	995	7	.	.	.	.	.	.	.	996
0.50-0.74	.	1010	7	.	.	.	.	.	.	.	1017
0.75-0.99	.	191	213	.	.	.	.	.	.	.	404
1.00-1.24	.	.	170	.	.	.	.	.	.	.	170
1.25-1.49	.	.	51	37	.	.	.	.	.	.	88
1.50-1.74	.	.	.	80	.	.	.	.	.	.	80
1.75-1.99	.	.	.	34	.	.	.	.	.	.	34
2.00-2.24	.	.	.	7	3	.	.	.	.	.	10
2.25-2.49	.	.	.	.	3	.	.	.	.	.	3
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4476	443	158	6	0	0	0	0	0	4758.

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.2 NO. OF CASES= 4758.

STATION 019 43.73N 76.25W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2048	16	1	.	.	.	.	.	.	2065
0.25-0.49	.	1130	7	2	.	.	.	.	.	.	1139
0.50-0.74	.	879	22	3	.	.	.	.	.	.	904
0.75-0.99	.	178	180	1	.	.	.	.	.	.	359
1.00-1.24	.	.	135	4	.	.	.	.	.	.	139
1.25-1.49	.	.	28	14	.	.	.	.	.	.	42
1.50-1.74	.	.	4	27	.	.	.	.	.	.	31
1.75-1.99	.	.	.	5	.	.	.	.	.	.	5
2.00-2.24	.	.	.	2	.	.	.	.	.	.	2
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	1
2.75-2.99	.	.	.	.	1	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4235	392	59	2	0	0	0	0	0	4391.

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.1 NO. OF CASES= 4391.

STATION 019 43.73N 76.25W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2928	27	2	.	.	.	.	.	.	2957
0.25-0.49	.	1356	95	5	.	.	.	.	.	.	1456
0.50-0.74	.	789	270	47	.	.	.	.	.	.	1106
0.75-0.99	.	86	259	39	1	.	.	.	.	.	385
1.00-1.24	.	3	145	69	1	.	.	.	.	.	218
1.25-1.49	.	.	14	55	2	.	.	.	.	.	71
1.50-1.74	.	.	.	43	4	.	.	.	.	.	48
1.75-1.99	.	.	.	11	7	1	.	.	.	.	18
2.00-2.24	.	.	.	3	13	.	.	.	.	.	16
2.25-2.49	.	.	.	.	3	1	.	.	.	.	4
2.50-2.74	.	.	.	.	6	.	.	.	.	.	6
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	1	2	.	.	.	.	3
3.25-3.49	.	.	.	.	.	.	1	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	1
TOTAL	0	5162	810	274	38	4	1	0	0	0	5892.

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 3.2 NO. OF CASES= 5892.

STATION 019 43.73N 76.25W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	7731	179	7	.	.	.	.	.	.	7917
0.25-0.49	.	4139	1577	266	6	.	.	.	.	.	5988
0.50-0.74	.	1259	1720	1639	83	.	.	.	.	.	4701
0.75-0.99	.	133	532	847	204	7	.	.	.	.	1723
1.00-1.24	.	2	329	627	418	62	.	.	.	.	1438
1.25-1.49	.	.	25	269	241	68	.	.	.	.	603
1.50-1.74	.	.	1	167	195	108	7	.	.	.	478
1.75-1.99	.	.	.	45	98	72	24	.	.	.	239
2.00-2.24	.	.	.	7	132	80	35	.	.	.	254
2.25-2.49	.	.	.	.	56	24	19	.	.	.	99
2.50-2.74	.	.	.	.	42	47	27	.	.	.	116
2.75-2.99	.	.	.	.	5	31	11	.	.	.	47
3.00-3.24	.	.	.	.	.	47	14	.	.	.	62
3.25-3.49	.	.	.	.	.	14	14	.	.	.	28
3.50+	.	.	.	.	.	4	86	12	2	0	104
TOTAL	0	13264	4363	3874	1481	564	237	12	2	0	22277.

MEAN HS(M) = 0.5 LARGEST HS(M)= 7.0 MEAN TP(SEC)= 3.8 NO. OF CASES= 22277.

STATION Q19 43.73N 76.25W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	7824	189	8	.	.	.	.	.	.	8021
0.25-0.49	.	3972	1937	194	3	.	.	.	.	.	6105
0.50-0.74	.	983	1834	1910	60	.	.	.	.	.	4787
0.75-0.99	.	109	460	962	314	2	.	.	.	.	1847
1.00-1.24	.	.	267	693	684	49	.	.	.	.	1693
1.25-1.49	.	.	13	253	406	198	.	.	.	.	71
1.50-1.74	.	.	.	147	326	199	1	.	.	.	688
1.75-1.99	.	.	.	24	93	124	16	.	.	.	265
2.00-2.24	.	.	.	3	120	142	38	.	.	.	253
2.25-2.49	.	.	.	.	41	35	67	.	.	.	143
2.50-2.74	.	.	.	.	26	68	86	.	.	.	180
2.75-2.99	.	.	.	.	.	32	32	1	.	.	85
3.00-3.24	.	.	.	.	1	51	40	.	.	.	92
3.25-3.49	.	.	.	.	.	14	43	.	.	.	58
3.50+	.	.	.	.	.	.	190	23	2	.	219
TOTAL	0	12888	4700	4194	2074	838	557	23	2	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 6.5 MEAN TP(SEC)= 4.0 NO. OF CASES= 23658.

STATION Q19 43.73N 76.25W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1423	50	1	.	.	.	.	.	.	1474
0.25-0.49	.	967	91	7	.	.	.	.	.	.	1065
0.50-0.74	.	580	372	49	.	.	.	.	.	.	1001
0.75-0.99	.	4	304	100	7	.	.	.	.	.	455
1.00-1.24	.	.	166	245	23	.	.	.	.	.	434
1.25-1.49	.	.	8	165	11	.	.	.	.	.	184
1.50-1.74	.	.	.	121	28	2	.	.	.	.	152
1.75-1.99	.	.	.	18	27	6	.	.	.	.	51
2.00-2.24	.	.	.	1	25	4	.	.	.	.	27
2.25-2.49	.	.	.	.	26	.	2	.	.	.	28
2.50-2.74	.	.	.	.	28	5	1	.	.	.	35
2.75-2.99	.	.	.	.	2	10	.	.	.	.	12
3.00-3.24	.	.	.	.	.	4	3	.	.	.	7
3.25-3.49	.	.	.	.	.	2	.	.	.	.	2
3.50+	.	.	.	.	.	1	.	1	.	.	6
TOTAL	0	3014	991	707	186	34	10	1	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 7.0 MEAN TP(SEC)= 3.6 NO. OF CASES= 4640.

STATION Q19 43.73N 76.25W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1243	3	.	.	.	.	.	.	.	1246
0.25-0.49	.	608	20	.	.	.	.	.	.	.	629
0.50-0.74	.	388	168	5	.	.	.	.	.	.	562
0.75-0.99	.	28	191	40	.	.	.	.	.	.	260
1.00-1.24	.	.	86	141	1	.	.	.	.	.	228
1.25-1.49	.	.	2	93	.	.	.	.	.	.	95
1.50-1.74	.	.	.	47	11	.	.	.	.	.	58
1.75-1.99	.	.	.	8	14	.	.	.	.	.	22
2.00-2.24	.	.	.	.	18	.	.	.	.	.	18
2.25-2.49	.	.	.	.	10	.	.	.	.	.	10
2.50-2.74	.	.	.	.	7	1	.	.	.	.	8
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	2	.	.	.	.	2
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2276	470	334	61	3	0	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 3.4 NO. OF CASES= 2944.

STATION Q19 43.73N 76.25W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1220	2	.	.	.	.	.	.	.	1222
0.25-0.49	.	586	7	.	.	.	.	.	.	.	593
0.50-0.74	.	517	56	2	.	.	.	.	.	.	575
0.75-0.99	.	42	75	7	.	.	.	.	.	.	124
1.00-1.24	.	2	58	23	.	.	.	.	.	.	83
1.25-1.49	.	.	5	19	.	.	.	.	.	.	24
1.50-1.74	.	.	.	13	2	.	.	.	.	.	15
1.75-1.99	.	.	.	1	2	.	.	.	.	.	3
2.00-2.24	.	.	.	.	2	.	.	.	.	.	2
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2367	203	65	7	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.1 NO. OF CASES= 2478.



MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 019 (43.73N 76.25W)

	MONTH												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1957	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1958	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1959	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1960	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1961	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1962	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1963	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1964	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1965	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1966	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1967	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1968	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1969	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1970	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1971	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1972	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1973	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1974	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1975	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1976	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1977	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1978	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1979	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1980	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1981	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1982	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1983	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1984	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1985	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1986	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1987	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
MEAN	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.6	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 019 (43.73N 76.25W)

	MONTH												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	0.9	3.2	3.3	2.3	1.9	1.4	1.0	1.2	1.2	1.5	2.6	1.3	
1957	1.4	3.3	1.8	2.3	1.2	2.6	2.0	0.7	1.1	2.2	2.4	2.4	
1958	2.3	3.4	2.4	2.9	1.9	2.5	1.8	1.0	2.0	2.0	2.2	2.2	
1959	2.4	3.2	5.1	1.7	1.6	2.4	1.1	1.1	0.0	2.2	2.1	2.1	
1960	2.4	2.5	1.3	3.3	1.3	3.3	1.5	1.3	0.7	1.5	1.9	2.2	
1961	2.4	2.8	0.8	2.5	1.9	1.6	1.1	1.2	1.5	1.4	1.8	2.2	
1962	2.4	2.3	1.9	2.7	1.4	1.3	1.5	2.9	2.7	1.1	1.9	2.2	
1963	2.4	3.4	0.0	7.0	3.2	2.0	1.1	3.1	1.1	3.3	2.4	2.7	
1964	3.3	3.4	4.4	4.2	2.4	2.5	1.1	1.8	1.1	1.1	2.7	2.4	
1965	3.3	3.4	1.1	3.2	1.6	1.1	1.5	2.2	1.1	2.2	2.4	2.2	
1966	3.3	3.4	1.1	3.7	2.6	1.1	1.5	2.2	1.1	2.2	2.4	2.2	
1967	3.3	3.4	1.1	3.7	2.5	1.1	1.5	1.1	1.1	1.5	2.4	2.4	
1968	3.3	3.4	1.1	3.7	2.5	1.1	1.5	1.1	1.1	1.5	2.4	2.4	
1969	3.3	3.4	1.1	3.7	2.5	1.1	1.5	1.1	1.1	1.5	2.4	2.4	
1970	3.3	3.4	1.1	3.7	2.5	1.1	1.5	1.1	1.1	1.5	2.4	2.4	
1971	3.3	3.4	1.1	3.7	2.5	1.1	1.5	1.1	1.1	1.5	2.4	2.4	
1972	3.3	3.4	1.1	3.7	2.5	1.1	1.5	1.1	1.1	1.5	2.4	2.4	
1973	3.3	3.4	1.1	3.7	2.5	1.1	1.5	1.1	1.1	1.5	2.4	2.4	
1974	3.3	3.4	1.1	3.7	2.5	1.1	1.5	1.1	1.1	1.5	2.4	2.4	
1975	3.3	3.4	1.1	3.7	2.5	1.1	1.5	1.1	1.1	1.5	2.4	2.4	
1976	3.3	3.4	1.1	3.7	2.5	1.1	1.5	1.1	1.1	1.5	2.4	2.4	
1977	3.3	3.4	1.1	3.7	2.5	1.1	1.5	1.1	1.1	1.5	2.4	2.4	
1978	3.3	3.4	1.1	3.7	2.5	1.1	1.5	1.1	1.1	1.5	2.4	2.4	
1979	3.3	3.4	1.1	3.7	2.5	1.1	1.5	1.1	1.1	1.5	2.4	2.4	
1980	3.3	3.4	1.1	3.7	2.5	1.1	1.5	1.1	1.1	1.5	2.4	2.4	
1981	3.3	3.4	1.1	3.7	2.5	1.1	1.5	1.1	1.1	1.5	2.4	2.4	
1982	3.3	3.4	1.1	3.7	2.5	1.1	1.5	1.1	1.1	1.5	2.4	2.4	
1983	3.3	3.4	1.1	3.7	2.5	1.1	1.5	1.1	1.1	1.5	2.4	2.4	
1984	3.3	3.4	1.1	3.7	2.5	1.1	1.5	1.1	1.1	1.5	2.4	2.4	
1985	3.3	3.4	1.1	3.7	2.5	1.1	1.5	1.1	1.1	1.5	2.4	2.4	
1986	3.3	3.4	1.1	3.7	2.5	1.1	1.5	1.1	1.1	1.5	2.4	2.4	
1987	3.3	3.4	1.1	3.7	2.5	1.1	1.5	1.1	1.1	1.5	2.4	2.4	

32 YR. STATISTICS FOR WIS STATION 019

MEAN SIGNIFICANT WAVE HEIGHT	(METERS)	0.5
MEAN PEAK WAVE PERIOD	(SECONDS)	3.5
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND	(DEGREES)	270.0
STANDARD DEVIATION OF WAVE HS	(METERS)	0.5
STANDARD DEVIATION OF WAVE TP	(SECONDS)	1.0
LARGEST WAVE HS	(METERS)	7.0
WAVE TP ASSOCIATED WITH LARGEST WAVE HS	(SECONDS)	11.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS	(DEGREES)	258.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		75022621

STATION 020 43.88N 76.45W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1825	5	.	.	.	.	.	.	.	1830
0.25-0.49	.	977	.	.	.	.	.	.	.	.	977
0.50-0.74	.	724	16	.	.	.	.	.	.	.	740
0.75-0.99	.	69	71	1	.	.	.	.	.	.	78
1.00-1.24	.	1	11	5	.	.	.	.	.	.	77
1.25-1.49	.	.	11	2	.	.	.	.	.	.	11
1.50-1.74	.	.	1	1	.	.	.	.	.	.	3
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3596	112	9	0	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.0 NO. OF CASES= 3480.

STATION 020 43.88N 76.45W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1645	6	.	.	.	.	.	.	.	1651
0.25-0.49	.	808	.	.	.	.	.	.	.	.	808
0.50-0.74	.	764	2	.	.	.	.	.	.	.	766
0.75-0.99	.	81	20	.	.	.	.	.	.	.	101
1.00-1.24	.	.	28	.	.	.	.	.	.	.	28
1.25-1.49	.	.	16	2	.	.	.	.	.	.	18
1.50-1.74	.	.	1	13	.	.	.	.	.	.	14
1.75-1.99	.	.	.	3	.	.	.	.	.	.	3
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3298	73	18	0	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.0 NO. OF CASES= 3174.

STATION 020 43.88N 76.45W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2519	2	.	.	.	.	.	.	.	2521
0.25-0.49	.	1125	.	.	.	.	.	.	.	.	1125
0.50-0.74	.	1466	.	1	.	.	.	.	.	.	1467
0.75-0.99	.	257	86	.	.	.	.	.	.	.	343
1.00-1.24	.	.	70	.	.	.	.	.	.	.	70
1.25-1.49	.	.	59	21	.	.	.	.	.	.	80
1.50-1.74	.	.	.	37	.	.	.	.	.	.	37
1.75-1.99	.	.	.	2	.	.	.	.	.	.	2
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5367	217	61	0	0	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.1 NO. OF CASES= 5283.

STATION 020 43.88N 76.45W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1916	5	.	.	.	.	.	.	.	1921
0.25-0.49	.	1005	.	.	.	.	.	.	.	.	1005
0.50-0.74	.	897	.	.	.	.	.	.	.	.	898
0.75-0.99	.	113	33	.	.	.	.	.	.	.	146
1.00-1.24	.	.	32	.	.	.	.	.	.	.	32
1.25-1.49	.	.	7	2	.	.	.	.	.	.	9
1.50-1.74	.	.	.	3	.	.	.	.	.	.	3
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3931	78	5	0	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.0 NO. OF CASES= 3756.



STATION 020 43.88N 76.45W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0- LONGER	
0.00-0.24		2113	4								2117
0.25-0.49		848									848
0.50-0.74		350									350
0.75-0.99		9									10
1.00-1.24			12								12
1.25-1.49											0
1.50-1.74											0
1.75-1.99											0
2.00-2.24											0
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	3320	17	0	0	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.1 MEAN TP(SEC)= 3.0 NO. OF CASES= 3123.

STATION 020 43.88N 76.45W AZIMUTH(DEGREES) =112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0- LONGER	
0.00-0.24		1146	1								1147
0.25-0.49		380									380
0.50-0.74		196	11	1							208
0.75-0.99		7	12								19
1.00-1.24			7								7
1.25-1.49				1							1
1.50-1.74											0
1.75-1.99											0
2.00-2.24											0
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	1729	31	2	0	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.4 MEAN TP(SEC)= 3.0 NO. OF CASES= 1652.

STATION 020 43.88N 76.45W AZIMUTH(DEGREES) =135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0- LONGER	
0.00-0.24		1487	3								1490
0.25-0.49		349	3								352
0.50-0.74		231	12								243
0.75-0.99		20	23								43
1.00-1.24			25								25
1.25-1.49			4								5
1.50-1.74				1							1
1.75-1.99											0
2.00-2.24											0
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	2087	70	2	0	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.0 NO. OF CASES= 2023.

STATION 020 43.88N 76.45W AZIMUTH(DEGREES) =157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0- LONGER	
0.00-0.24		1404	2								1406
0.25-0.49		595	4								599
0.50-0.74		419	58								477
0.75-0.99		50	137	2							189
1.00-1.24			124	13							139
1.25-1.49		2	17	24							41
1.50-1.74			1	24							25
1.75-1.99				12							12
2.00-2.24				2							7
2.25-2.49					1						1
2.50-2.74					2						2
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	2470	343	77	8	0	0	0	0	0	0

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.2 NO. OF CASES= 2717.

STATION 020 43.88N 76.45W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2738	1	.	.	.	.	.	.	.	2739
0.25-0.49	.	1367	4	1	.	.	.	.	.	.	1372
0.50-0.74	.	937	155	3	.	.	.	.	.	.	1095
0.75-0.99	.	95	358	7	.	.	.	.	.	.	460
1.00-1.24	.	3	459	40	.	.	.	.	.	.	502
1.25-1.49	.	.	32	145	.	.	.	.	.	.	177
1.50-1.74	.	.	.	174	.	.	.	.	.	.	175
1.75-1.99	.	.	.	110	3	.	.	.	.	.	113
2.00-2.24	.	.	.	14	52	.	.	.	.	.	66
2.25-2.49	.	.	.	.	255	.	.	.	.	.	25
2.50-2.74	.	.	.	.	29	.	.	.	.	.	29
2.75-2.99	.	.	.	.	3	.	.	.	.	.	3
3.00-3.24	.	.	.	.	2	.	.	.	.	.	2
3.25-3.49	.	.	.	.	.	1	.	.	.	.	1
3.50+	.	.	.	.	.	.	.	.	.	.	1
TOTAL	0	5140	1009	494	115	2	0	0	0	0	6331.

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 3.3 NO. OF CASES= 6331.

STATION 020 43.88N 76.45W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3054	16	.	.	.	.	.	.	.	3070
0.25-0.49	.	2095	20	4	.	.	.	.	.	.	2119
0.50-0.74	.	1058	332	11	1	.	.	.	.	.	1401
0.75-0.99	.	51	358	32	.	.	.	.	.	.	442
1.00-1.24	.	2	327	130	.	.	.	.	.	.	439
1.25-1.49	.	.	9	84	3	.	.	.	.	.	96
1.50-1.74	.	.	.	97	2	.	.	.	.	.	99
1.75-1.99	.	.	.	29	5	.	.	.	.	.	34
2.00-2.24	.	.	.	12	27	.	.	.	.	.	39
2.25-2.49	.	.	.	.	12	.	.	.	.	.	12
2.50-2.74	.	.	.	.	4	.	.	.	.	.	4
2.75-2.99	.	.	.	.	2	1	.	.	.	.	3
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	3
TOTAL	0	6260	1062	379	56	3	2	0	0	0	7268.

MEAN HS(M) = 0.4 LARGEST HS(M)= 4.0 MEAN TP(SEC)= 3.3 NO. OF CASES= 7268.

STATION 020 43.88N 76.45W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	5460	23	.	.	.	.	.	.	.	5483
0.25-0.49	.	2771	483	31	.	.	.	.	.	.	3285
0.50-0.74	.	1100	736	319	14	.	.	.	.	.	2169
0.75-0.99	.	112	429	248	35	2	.	.	.	.	826
1.00-1.24	.	2	228	301	45	9	.	.	.	.	585
1.25-1.49	.	.	8	151	29	2	.	.	.	.	190
1.50-1.74	.	.	2	121	52	7	2	.	.	.	184
1.75-1.99	.	.	.	26	34	1	.	.	.	.	61
2.00-2.24	.	.	.	4	81	7	2	.	.	.	94
2.25-2.49	.	.	.	.	32	1	.	.	.	.	33
2.50-2.74	.	.	.	.	19	12	1	.	.	.	32
2.75-2.99	.	.	.	.	1	16	.	.	.	.	17
3.00-3.24	.	.	.	.	.	14	.	.	.	.	14
3.25-3.49	.	.	.	.	.	4	4	.	.	.	8
3.50+	.	.	.	.	.	5	8	.	.	.	13
TOTAL	0	9445	1909	1201	342	80	17	0	0	0	12169.

MEAN HS(M) = 0.4 LARGEST HS(M)= 4.7 MEAN TP(SEC)= 3.4 NO. OF CASES= 12169.

STATION 020 43.88N 76.45W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	8199	1756	758	31	.	.	.	.	.	10744
0.25-0.49	.	2809	1409	1692	274	6	.	.	.	.	6190
0.50-0.74	.	2154	510	938	705	108	2	.	.	.	4417
0.75-0.99	.	770	635	263	265	133	11	.	.	.	2077
1.00-1.24	.	5	796	373	266	255	65	.	.	.	1760
1.25-1.49	.	.	93	190	130	125	73	.	.	.	611
1.50-1.74	.	.	6	233	145	108	143	.	.	.	635
1.75-1.99	.	.	.	86	62	53	65	1	.	.	267
2.00-2.24	.	.	.	35	79	67	84	2	.	.	267
2.25-2.49	.	.	.	3	45	18	48	1	.	.	115
2.50-2.74	.	.	.	.	57	41	62	3	.	.	163
2.75-2.99	.	.	.	.	7	34	19	2	.	.	62
3.00-3.24	.	.	.	.	3	43	13	3	1	.	63
3.25-3.49	.	.	.	.	.	12	10	.	.	.	22
3.50+	.	.	.	.	.	4	102	17	7	.	130
TOTAL	0	13937	5205	4571	2069	1007	697	29	8	0	25761.

MEAN HS(M) = 0.5 LARGEST HS(M)= 7.2 MEAN TP(SEC)= 4.0 NO. OF CASES= 25761.

STATION 020 43.88N 76.45W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0+ LONGER	
0.00-0.24	.	2165	64	28	1	.	.	.	.	.	2258
0.25-0.49	.	1611	12	40	18	1	.	.	.	.	1682
0.50-0.74	.	1355	52	11	51	10	1	.	.	.	1480
0.75-0.99	.	283	393	4	3	11	7	.	.	.	701
1.00-1.24	.	.	379	2	2	6	9	.	.	.	398
1.25-1.49	.	.	62	57	.	10	.	.	.	.	138
1.50-1.74	.	.	4	127	.	2	11	.	.	.	144
1.75-1.99	.	.	.	41	.	3	4	.	.	.	48
2.00-2.24	.	.	.	29	.	.	7	.	.	.	36
2.25-2.49	.	.	.	6	4	1	5	1	.	.	17
2.50-2.74	.	.	.	.	4	.	1	.	.	.	5
2.75-2.99	.	.	.	.	4	.	2	.	.	.	6
3.00-3.24	.	.	.	.	1	.	.	.	.	.	1
3.25-3.49	.	.	.	.	1	.	.	.	.	.	1
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5414	966	345	89	43	57	1	0	0	6484

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 3.4 NO. OF CASES= 6484.

STATION 020 43.88N 76.45W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0+ LONGER	
0.00-0.24	.	1333	3	.	.	.	.	.	.	.	1336
0.25-0.49	.	1021	2	.	.	.	.	.	.	.	1023
0.50-0.74	.	720	152	.	.	1	.	.	.	.	873
0.75-0.99	.	64	304	1	.	.	.	.	.	.	369
1.00-1.24	.	.	382	37	.	.	.	.	.	.	419
1.25-1.49	.	.	11	75	.	.	.	.	.	.	86
1.50-1.74	.	.	.	64	.	.	1	.	.	.	65
1.75-1.99	.	.	.	37	8	.	.	.	.	.	45
2.00-2.24	.	.	.	4	19	.	.	.	.	.	23
2.25-2.49	.	.	.	.	8	.	.	.	.	.	8
2.50-2.74	.	.	.	.	3	.	.	.	.	.	3
2.75-2.99	.	.	.	.	1	.	.	.	.	.	1
3.00-3.24	.	.	.	.	1	2	.	.	.	.	3
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	1	.	.	.	.	1
TOTAL	0	3138	854	218	40	4	1	0	0	0	3988

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 3.3 NO. OF CASES= 3988.

STATION 020 43.88N 76.45W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0+ LONGER	
0.00-0.24	.	1302	3	.	.	.	.	.	.	.	1305
0.25-0.49	.	698	3	.	.	.	.	.	.	.	701
0.50-0.74	.	501	168	1	.	.	.	.	.	.	669
0.75-0.99	.	37	211	1	.	.	.	.	.	.	249
1.00-1.24	.	.	344	27	.	.	.	.	.	.	371
1.25-1.49	.	.	3	79	.	.	.	.	.	.	82
1.50-1.74	.	.	.	45	.	.	.	.	.	.	45
1.75-1.99	.	.	.	20	6	.	.	.	.	.	26
2.00-2.24	.	.	.	1	24	.	.	.	.	.	25
2.25-2.49	.	.	.	.	3	.	.	.	.	.	2
2.50-2.74	.	.	.	.	1	.	.	.	.	.	3
2.75-2.99	.	.	.	.	.	.	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2538	732	173	36	0	0	0	0	0	3261

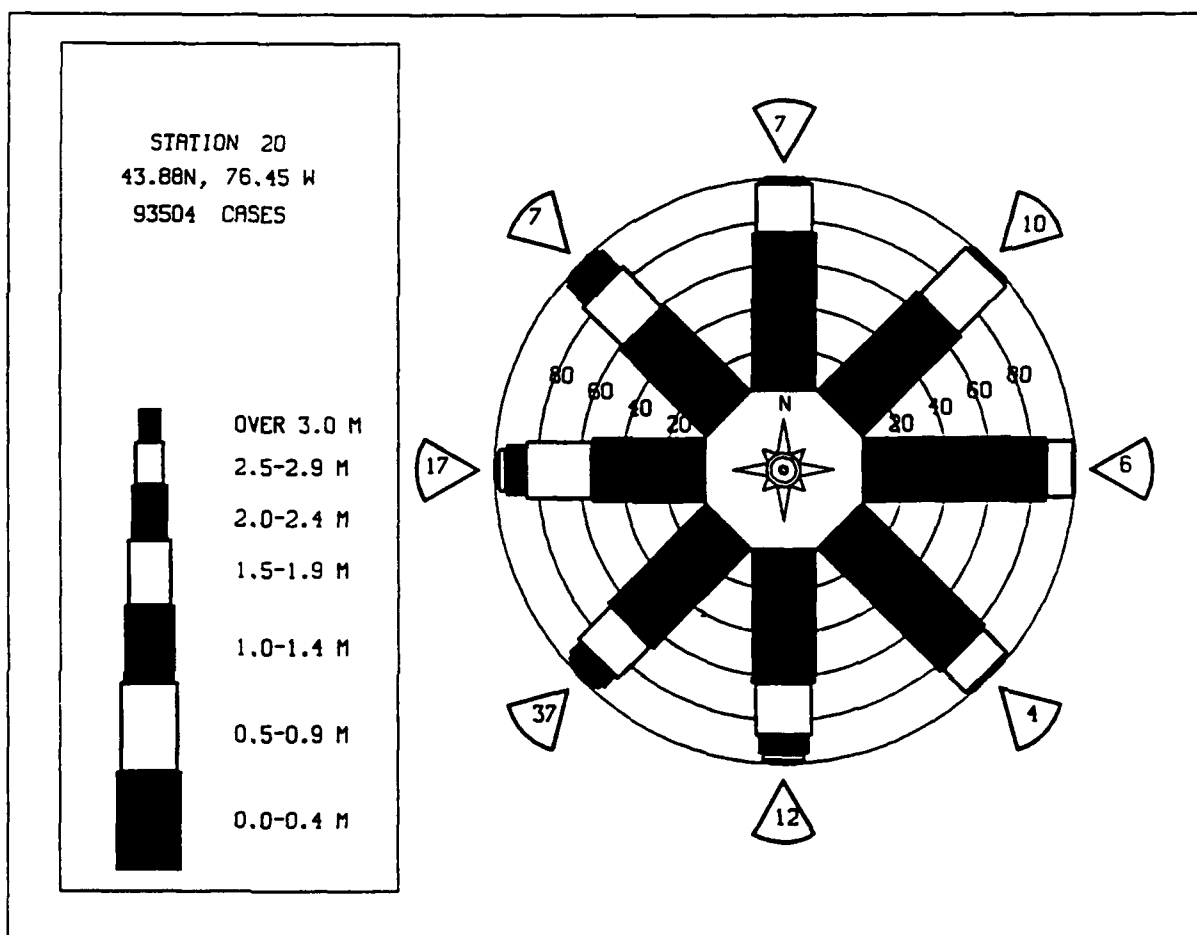
MEAN HS(M) = 0.5 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.3 NO. OF CASES= 3261.

STATION 020 43.88N 76.45W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0+ LONGER	
0.00-0.24	.	1342	2	.	.	.	.	.	.	.	1344
0.25-0.49	.	778	3	.	.	.	.	.	.	.	781
0.50-0.74	.	640	65	.	.	.	.	.	.	.	705
0.75-0.99	.	56	121	3	.	.	.	.	.	.	180
1.00-1.24	.	4	147	17	.	.	.	.	.	.	168
1.25-1.49	.	.	8	25	.	.	.	.	.	.	33
1.50-1.74	.	.	1	14	.	.	.	.	.	.	15
1.75-1.99	.	.	.	5	2	.	.	.	.	.	7
2.00-2.24	.	.	.	.	4	.	.	.	.	.	4
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2820	347	64	6	0	0	0	0	0	3034

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 3.2 NO. OF CASES= 3034.

STATION 020 43.88N 76.45W FOR ALL DIRECTIONS											
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	3965	189	78	3	.	.	.	.	.	4235
0.25-0.49	.	1924	194	176	28	.	.	.	.	.	2323
0.50-0.74	.	1352	227	128	77	11	.	.	.	.	1795
0.75-0.99	.	208	313	56	30	14	1	.	.	.	622
1.00-1.24	.	.	344	92	31	27	7	.	.	.	503
1.25-1.49	.	.	34	86	16	13	8	.	.	.	157
1.50-1.74	.	.	1	96	20	11	15	.	.	.	143
1.75-1.99	.	.	.	37	12	5	6	.	.	.	60
2.00-2.24	.	.	.	10	29	7	9	.	.	.	55
2.25-2.49	.	.	.	.	13	2	5	.	.	.	20
2.50-2.74	.	.	.	.	12	5	6	.	.	.	23
2.75-2.99	.	.	.	.	2	5	2	.	.	.	9
3.00-3.24	.	.	.	.	.	6	1	.	.	.	7
3.25-3.49	.	.	.	.	.	1	1	.	.	.	2
3.50+	.	.	.	.	.	1	1	.	.	.	2
TOTAL	0	7451	1302	759	274	108	72	1	0	0	13
MEAN HS(M)=	0.4	LARGEST HS(M)=	7.2	MEAN TP(SEC)=	3.5	TOTAL CASES=	93504.				



MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 020 (43.88N 76.45W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1957	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1958	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1959	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1960	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1961	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1962	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1963	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1964	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1965	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1966	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1967	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1968	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1969	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1970	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1971	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1972	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1973	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1974	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1975	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1976	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1977	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1978	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1979	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1980	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1981	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1982	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1983	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1984	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1985	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1986	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
1987	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3
MEAN	0.6	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 020 (43.88N 76.45W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1957	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1958	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1959	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1960	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1961	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1962	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1963	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1964	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1965	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1966	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1967	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1968	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1969	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1970	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1971	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1972	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1973	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1974	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1975	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1976	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1977	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1978	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1979	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1980	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1981	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1982	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1983	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1984	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1985	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1986	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1987	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7

32 YR. STATISTICS FOR WIS STATION 020

MEAN SIGNIFICANT WAVE HEIGHT . . . . .	(METERS)	0.4
MEAN PEAK WAVE PERIOD . . . . .	(SECONDS)	3.5
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND . . . . .	(DEGREES)	247.5
STANDARD DEVIATION OF WAVE HS . . . . .	(METERS)	0.5
STANDARD DEVIATION OF WAVE TP . . . . .	(SECONDS)	0.9
LARGEST WAVE HS . . . . .	(METERS)	7.2
WAVE TP ASSOCIATED WITH LARGEST WAVE HS . . . . .	(SECONDS)	11.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS . . . . .	(DEGREES)	242.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		75022618

STATION Q21 44.03N 76.65W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2415	27	5	.	.	.	.	.	.	2447
0.25-0.49	.	1470	.	.	.	.	.	.	.	.	1470
0.50-0.74	.	935	.	.	.	.	.	.	.	.	935
0.75-0.99	.	91	1	.	.	.	.	.	.	.	92
1.00-1.24	.	.	98	.	.	.	.	.	.	.	98
1.25-1.49	.	.	16	.	.	.	.	.	.	.	16
1.50-1.74	.	.	1	2	.	.	.	.	.	.	3
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4911	143	9	0	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.0 NO. OF CASES= 4739.

STATION Q21 44.03N 76.65W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1979	17	1	.	.	.	.	.	.	1997
0.25-0.49	.	1029	.	.	.	.	.	.	.	.	1029
0.50-0.74	.	931	.	.	.	.	.	.	.	.	931
0.75-0.99	.	133	31	.	.	.	.	.	.	.	164
1.00-1.24	.	.	58	.	.	.	.	.	.	.	58
1.25-1.49	.	.	28	2	.	.	.	.	.	.	30
1.50-1.74	.	.	1	14	.	.	.	.	.	.	15
1.75-1.99	.	.	.	4	.	.	.	.	.	.	4
2.00-2.24	.	.	.	1	.	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4072	135	22	0	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.0 NO. OF CASES= 3960.

STATION Q21 44.03N 76.65W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2873	11	3	.	.	.	.	.	.	2887
0.25-0.49	.	1333	.	.	.	.	.	.	.	.	1333
0.50-0.74	.	1782	.	.	.	.	.	.	.	.	1782
0.75-0.99	.	360	118	.	.	.	.	.	.	.	478
1.00-1.24	.	.	96	.	.	.	.	.	.	.	96
1.25-1.49	.	.	84	31	.	.	.	.	.	.	115
1.50-1.74	.	.	.	56	.	.	.	.	.	.	56
1.75-1.99	.	.	.	7	.	.	.	.	.	.	7
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6348	309	97	0	0	0	0	0	0	0

MEAN HS(M) = 0.4 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.1 NO. OF CASES= 6321.

STATION Q21 44.03N 76.65W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2065	3	1	.	.	.	.	.	.	2069
0.25-0.49	.	1098	1	.	.	.	.	.	.	.	1099
0.50-0.74	.	975	1	.	.	.	.	.	.	.	976
0.75-0.99	.	124	38	.	.	.	.	.	.	.	163
1.00-1.24	.	.	56	.	.	.	.	.	.	.	56
1.25-1.49	.	.	21	1	.	.	.	.	.	.	22
1.50-1.74	.	.	.	4	.	.	.	.	.	.	4
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4262	121	6	0	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.0 NO. OF CASES= 4107.

STATION 021 44.03N 76.65W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1826	6	2	.	.	.	.	.	.	1834
0.25-0.49	.	768	2	.	.	.	.	.	.	.	770
0.50-0.74	.	383	3	2	.	.	.	.	.	.	388
0.75-0.99	.	13	2	.	.	.	.	.	.	.	15
1.00-1.24	.	.	12	1	.	.	.	.	.	.	13
1.25-1.49	.	.	.	.	.	.	.	.	.	.	0
1.50-1.74	.	.	.	.	.	.	.	.	.	.	0
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2990	25	5	0	0	0	0	0	0	

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.2 MEAN TP(SEC)= 3.0 NO. OF CASES= 2829.

STATION 021 44.03N 76.65W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	996	4	.	.	.	.	.	.	.	1000
0.25-0.49	.	371	2	.	.	.	.	.	.	.	373
0.50-0.74	.	188	13	1	.	.	.	.	.	.	202
0.75-0.99	.	12	13	4	.	.	.	.	.	.	28
1.00-1.24	.	.	13	3	.	.	.	.	.	.	16
1.25-1.49	.	.	2	.	.	.	.	.	.	.	2
1.50-1.74	.	.	.	2	.	.	.	.	.	.	2
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1567	47	10	0	0	0	0	0	0	

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.0 NO. OF CASES= 1524.

STATION 021 44.03N 76.65W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1388	2	.	.	.	.	.	.	.	1390
0.25-0.49	.	408	5	.	.	.	.	.	.	.	413
0.50-0.74	.	241	26	3	.	.	.	.	.	.	270
0.75-0.99	.	31	43	1	.	.	.	.	.	.	75
1.00-1.24	.	2	32	4	.	.	.	.	.	.	38
1.25-1.49	.	.	6	4	.	.	.	.	.	.	10
1.50-1.74	.	.	.	1	.	.	.	.	.	.	1
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2070	114	14	1	0	0	0	0	0	

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 3.1 NO. OF CASES= 2061.

STATION 021 44.03N 76.65W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1555	3	1	.	.	.	.	.	.	1559
0.25-0.49	.	746	10	.	.	.	.	.	.	.	756
0.50-0.74	.	459	128	5	.	.	.	.	.	.	592
0.75-0.99	.	62	167	14	.	.	.	.	.	.	243
1.00-1.24	.	1	126	80	1	.	.	.	.	.	208
1.25-1.49	.	.	23	51	1	.	.	.	.	.	75
1.50-1.74	.	.	2	57	3	.	.	.	.	.	62
1.75-1.99	.	.	.	11	8	.	.	.	.	.	19
2.00-2.24	.	.	.	.	19	.	.	.	.	.	26
2.25-2.49	.	.	.	.	5	.	.	.	.	.	5
2.50-2.74	.	.	.	.	4	.	.	.	.	.	4
2.75-2.99	.	.	.	.	1	1	.	.	.	.	2
3.00-3.24	.	.	.	.	.	2	.	.	.	.	2
3.25-3.49	.	.	.	.	.	1	1	.	.	.	2
3.50+	.	.	.	.	.	.	.	.	.	.	2
TOTAL	0	2823	459	226	42	5	1	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 4.3 MEAN TP(SEC)= 3.3 NO. OF CASES= 3335.

STATION 021 44.03N 76.65W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4186	5	1	.	.	.	.	.	.	4192
0.25-0.49	.	2621	52	1	.	.	.	.	.	.	2674
0.50-0.74	.	1160	544	66	.	.	.	.	.	.	1770
0.75-0.99	.	106	428	106	.	.	.	.	.	.	640
1.00-1.24	.	2	387	275	2	.	.	.	.	.	666
1.25-1.49	.	.	33	304	14	.	.	.	.	.	351
1.50-1.74	.	.	1	279	26	.	.	.	.	.	308
1.75-1.99	.	.	.	102	7	.	.	.	.	.	175
2.00-2.24	.	.	.	.	168	.	.	.	.	.	87
2.25-2.49	.	.	.	.	87	.	.	.	.	.	71
2.50-2.74	.	.	.	.	64	7	.	.	.	.	71
2.75-2.99	.	.	.	.	14	16	.	.	.	.	30
3.00-3.24	.	.	.	.	2	37	.	.	.	.	39
3.25-3.49	.	.	.	.	.	11	.	.	.	.	11
3.50+	.	.	.	.	.	11	.	.	.	.	11
TOTAL	0	8075	1450	1141	433	82	0	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 3.5 NO. OF CASES= 10471.

STATION 021 44.03N 76.65W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4108	43	1	.	.	.	.	.	.	4152
0.25-0.49	.	2369	196	23	.	.	.	.	.	.	2588
0.50-0.74	.	1439	334	163	2	.	.	.	.	.	1938
0.75-0.99	.	242	242	241	8	1	.	.	.	.	734
1.00-1.24	.	4	120	306	53	2	.	.	.	.	485
1.25-1.49	.	.	36	86	38	6	.	.	.	.	166
1.50-1.74	.	.	11	69	62	9	1	.	.	.	152
1.75-1.99	.	.	.	24	45	2	.	.	.	.	71
2.00-2.24	.	.	.	1	34	21	4	.	.	.	60
2.25-2.49	.	.	.	.	8	.	5	.	.	.	13
2.50-2.74	.	.	.	.	14	6	1	.	.	.	21
2.75-2.99	.	.	.	.	1	11	.	.	.	.	12
3.00-3.24	.	.	.	.	1	3	2	.	.	.	6
3.25-3.49	.	.	.	.	.	.	1	.	.	.	1
3.50+	.	.	.	.	.	.	2	.	.	.	2
TOTAL	0	8162	982	914	266	61	16	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 5.0 MEAN TP(SEC)= 3.4 NO. OF CASES= 9746.

STATION 021 44.03N 76.65W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	6733	965	473	49	6	.	.	.	.	8226
0.25-0.49	.	2844	285	376	124	27	2	.	.	.	3658
0.50-0.74	.	2702	78	190	142	54	20	.	.	.	3186
0.75-0.99	.	716	62	122	77	28	14	.	.	.	1019
1.00-1.24	.	21	178	90	143	53	23	.	.	.	508
1.25-1.49	.	.	121	12	27	35	10	.	.	.	205
1.50-1.74	.	.	50	118	31	37	23	1	.	.	260
1.75-1.99	.	.	1	52	1	25	28	3	1	.	110
2.00-2.24	.	.	.	40	1	21	36	5	1	.	104
2.25-2.49	.	.	.	8	3	3	17	1	.	.	32
2.50-2.74	.	.	.	3	5	1	9	.	2	.	20
2.75-2.99	.	.	.	1	.	.	1	1	.	.	3
3.00-3.24	.	.	.	.	1	1	1	1	2	.	5
3.25-3.49	.	.	.	.	1	1	.	.	.	.	2
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	13016	1740	1485	604	291	184	12	6	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 3.5 NO. OF CASES= 16237.

STATION 021 44.03N 76.65W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2795	497	542	108	9	.	.	.	.	3951
0.25-0.49	.	2772	4	21	45	13	1	.	.	.	2856
0.50-0.74	.	2461	.	1	4	9	7	.	.	.	2482
0.75-0.99	.	460	19	.	1	5	5	.	.	.	490
1.00-1.24	.	13	313	.	.	.	.	.	.	.	326
1.25-1.49	.	.	140	4	.	.	.	.	.	.	144
1.50-1.74	.	.	33	60	.	.	.	.	.	.	93
1.75-1.99	.	.	.	9	.	.	.	.	.	.	9
2.00-2.24	.	.	.	8	.	.	.	.	.	.	8
2.25-2.49	.	.	.	2	.	.	.	.	.	.	2
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	8501	1006	647	159	36	13	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.3 NO. OF CASES= 9701.



STATION 021 44.03N 76.65W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1982	22	4	1	.	.	.	.	.	2009
0.25-0.49	.	1962	.	.	.	.	.	.	.	.	1962
0.50-0.74	.	1605	.	.	.	.	.	.	.	.	1605
0.75-0.99	.	205	4	.	.	.	.	.	.	.	209
1.00-1.24	.	2	255	.	.	.	.	.	.	.	257
1.25-1.49	.	.	63	.	.	.	.	.	.	.	63
1.50-1.74	.	.	13	9	.	.	.	.	.	.	22
1.75-1.99	.	.	.	7	.	.	.	.	.	.	7
2.00-2.24	.	.	.	3	.	.	.	.	.	.	3
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5756	357	23	1	0	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.1 NO. OF CASES= 5744.

STATION 021 44.03N 76.65W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1332	24	3	.	.	.	.	.	.	1359
0.25-0.49	.	1355	.	.	.	.	.	.	.	.	1355
0.50-0.74	.	1306	.	.	.	.	.	.	.	.	1306
0.75-0.99	.	238	66	.	.	.	.	.	.	.	304
1.00-1.24	.	1	145	10	.	.	.	.	.	.	146
1.25-1.49	.	.	69	24	.	.	.	.	.	.	79
1.50-1.74	.	.	7	4	.	.	.	.	.	.	31
1.75-1.99	.	.	.	5	.	.	.	.	.	.	4
2.00-2.24	.	.	.	.	1	.	.	.	.	.	5
2.25-2.49	.	.	.	.	.	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4232	311	46	1	0	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.1 NO. OF CASES= 4298.

STATION 021 44.03N 76.65W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1829	37	8	1	.	.	.	.	.	1875
0.25-0.49	.	1043	.	.	.	.	.	.	.	.	1043
0.50-0.74	.	1235	.	.	.	.	.	.	.	.	1235
0.75-0.99	.	229	86	.	.	.	.	.	.	.	315
1.00-1.24	.	.	67	16	.	.	.	.	.	.	83
1.25-1.49	.	.	43	25	.	.	.	.	.	.	68
1.50-1.74	.	.	.	5	.	.	.	.	.	.	5
1.75-1.99	.	.	.	.	1	.	.	.	.	.	2
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4336	233	54	2	0	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.1 NO. OF CASES= 4331.

STATION 021 44.03N 76.65W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1761	31	2	.	.	.	.	.	.	1794
0.25-0.49	.	1125	.	.	.	.	.	.	.	.	1125
0.50-0.74	.	1100	.	.	.	.	.	.	.	.	1101
0.75-0.99	.	193	52	.	.	.	.	.	.	.	245
1.00-1.24	.	.	68	6	.	.	.	.	.	.	74
1.25-1.49	.	.	25	14	.	.	.	.	.	.	39
1.50-1.74	.	.	.	2	.	.	.	.	.	.	2
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4179	177	24	0	0	0	0	0	0	

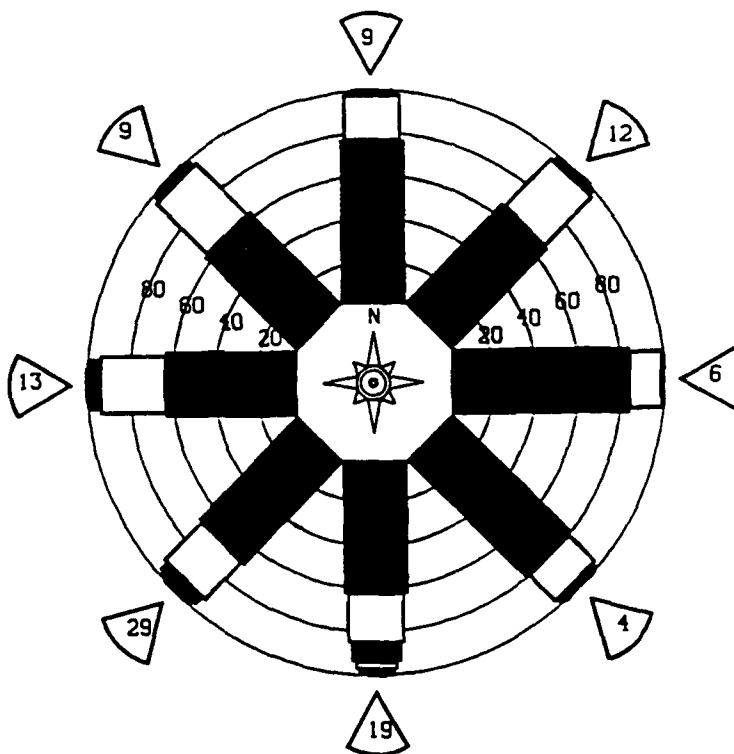
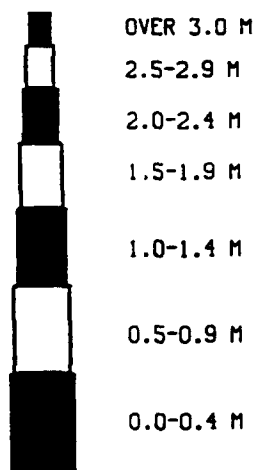
MEAN HS(M) = 0.4 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.1 NO. OF CASES= 4100.

STATION 021 44.03N 76.65W FOR ALL DIRECTIONS  
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	3983	170	105	15	1	.	.	.	.	4274
0.25-0.49	.	2332	56	42	17	4	.	.	.	.	2451
0.50-0.74	.	1891	113	43	14	6	2	.	.	.	2069
0.75-0.99	.	322	138	49	8	3	2	.	.	.	522
1.00-1.24	.	4	203	76	19	5	2	.	.	.	309
1.25-1.49	.	.	71	53	8	4	1	.	.	.	137
1.50-1.74	.	.	12	74	12	4	2	.	.	.	104
1.75-1.99	.	.	.	23	11	2	2	.	.	.	38
2.00-2.24	.	.	.	7	22	4	4	.	.	.	37
2.25-2.49	.	.	.	1	10	2	2	.	.	.	10
2.50-2.74	.	.	.	.	8	1	1	.	.	.	3
2.75-2.99	.	.	.	.	1	.	.	.	.	.	4
3.00-3.24	.	.	.	.	.	4	.	.	.	.	1
3.25-3.49	.	.	.	.	.	1	.	.	.	.	1
3.50+	.	.	.	.	.	1	.	.	.	.	1
TOTAL	0	8532	763	473	145	42	18	0	0	0	93504

MEAN HS(M)= 0.4 LARGEST HS(M)= 5.0 MEAN TP(SEC)= 3.2 TOTAL CASES= 93504.

STATION 21  
44.03N, 76.65 W  
93504 CASES



MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 021 (44.03N 76.65W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1957	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1958	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1959	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1960	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1961	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1962	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1963	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1964	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1965	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1966	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1967	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1968	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1969	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1970	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1971	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1972	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1973	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1974	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1975	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1976	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1977	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1978	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1979	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1980	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1981	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1982	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1983	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1984	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1985	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1986	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1987	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
MEAN	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 021 (44.03N 76.65W)

YEAR	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	0.8	1.5	2.8	1.7	1.3	1.0	0.7	1.0	1.4	1.1	1.1	1.1	
1957	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1958	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1959	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1960	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1961	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1962	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1963	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1964	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1965	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1966	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1967	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1968	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1969	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1970	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1971	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1972	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1973	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1974	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1975	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1976	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1977	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1978	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1979	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1980	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1981	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1982	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1983	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1984	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1985	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1986	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1987	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	

32 YR. STATISTICS FOR WIS STATION 021

MEAN SIGNIFICANT WAVE HEIGHT . . . . . (METERS)	0.4
MEAN PEAK WAVE PERIOD . . . . . (SECONDS)	3.2
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND . . (DEGREES)	225.0
STANDARD DEVIATION OF WAVE HS . . . . . (METERS)	0.4
STANDARD DEVIATION OF WAVE TP . . . . . (SECONDS)	0.7
LARGEST WAVE HS . . . . . (METERS)	5.0
WAVE TP ASSOCIATED WITH LARGEST WAVE HS . . . . . (SECONDS)	8.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS . . (DEGREES)	192.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)	72010915

STATION 022 43.88N 76.65W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1963	5	.	.	.	.	.	.	.	1968
0.25-0.49	.	976	.	.	.	.	.	.	.	.	976
0.50-0.74	.	842	2	.	.	.	.	.	.	.	844
0.75-0.99	.	87	267	.	.	.	.	.	.	.	354
1.00-1.24	.	.	152	2	.	.	.	.	.	.	154
1.25-1.49	.	.	3	26	.	.	.	.	.	.	29
1.50-1.74	.	.	.	48	.	.	.	.	.	.	48
1.75-1.99	.	.	.	16	.	.	.	.	.	.	16
2.00-2.24	.	.	.	2	1	.	.	.	.	.	3
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3868	429	94	3	0	0	0	0	0	0

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.1 NO. OF CASES= 4114.

STATION 022 43.88N 76.65W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1776	3	.	.	.	.	.	.	.	1779
0.25-0.49	.	772	.	.	.	.	.	.	.	.	772
0.50-0.74	.	840	1	.	.	.	.	.	.	.	841
0.75-0.99	.	116	116	.	.	.	.	.	.	.	232
1.00-1.24	.	.	91	.	.	.	.	.	.	.	91
1.25-1.49	.	.	10	13	.	.	.	.	.	.	23
1.50-1.74	.	.	.	19	.	.	.	.	.	.	19
1.75-1.99	.	.	.	11	.	.	.	.	.	.	11
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	3	.	.	.	.	.	3
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3504	221	43	4	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.1 NO. OF CASES= 3533.

STATION 022 43.88N 76.65W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2592	2	.	.	.	.	.	.	.	2594
0.25-0.49	.	1204	.	.	.	.	.	.	.	.	1204
0.50-0.74	.	1657	.	.	.	.	.	.	.	.	1657
0.75-0.99	.	312	73	.	.	.	.	.	.	.	385
1.00-1.24	.	.	119	.	.	.	.	.	.	.	119
1.25-1.49	.	.	62	25	.	.	.	.	.	.	87
1.50-1.74	.	.	.	43	.	.	.	.	.	.	43
1.75-1.99	.	.	.	3	.	.	.	.	.	.	3
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5765	256	71	0	0	0	0	0	0	0

MEAN HS(M) = 0.4 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.1 NO. OF CASES= 5701.

STATION 022 43.88N 76.65W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2059	4	.	.	.	.	.	.	.	2063
0.25-0.49	.	949	.	.	.	.	.	.	.	.	949
0.50-0.74	.	1004	1	.	.	.	.	.	.	.	1005
0.75-0.99	.	164	120	.	.	.	.	.	.	.	284
1.00-1.24	.	.	63	.	.	.	.	.	.	.	63
1.25-1.49	.	.	9	10	.	.	.	.	.	.	19
1.50-1.74	.	.	.	7	.	.	.	.	.	.	7
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4176	197	17	0	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.1 NO. OF CASES= 4110.

STATION Q22 43.88N 76.65W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1911	2	1	.	.	.	.	.	.	1914
0.25-0.49	.	668	.	.	.	.	.	.	.	.	668
0.50-0.74	.	425	4	.	.	.	.	.	.	.	429
0.75-0.99	.	53	80	1	.	.	.	.	.	.	134
1.00-1.24	.	.	29	.	.	.	.	.	.	.	29
1.25-1.49	.	.	1	3	.	.	.	.	.	.	4
1.50-1.74	.	.	.	4	.	.	.	.	.	.	0
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3057	116	9	0	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.0 NO. OF CASES= 2979.

STATION Q22 43.88N 76.65W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1059	.	.	.	.	.	.	.	.	1059
0.25-0.49	.	349	.	.	.	.	.	.	.	.	349
0.50-0.74	.	228	28	.	.	.	.	.	.	.	256
0.75-0.99	.	21	43	3	.	.	.	.	.	.	67
1.00-1.24	.	.	20	5	.	.	.	.	.	.	25
1.25-1.49	.	.	1	2	.	.	.	.	.	.	3
1.50-1.74	.	.	.	3	.	.	.	.	.	.	3
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1657	92	14	0	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.1 NO. OF CASES= 1654.

STATION Q22 43.88N 76.65W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1460	1	.	.	.	.	.	.	.	1461
0.25-0.49	.	386	1	.	.	.	.	.	.	.	387
0.50-0.74	.	250	40	1	.	.	.	.	.	.	291
0.75-0.99	.	25	64	5	.	.	.	.	.	.	94
1.00-1.24	.	1	40	11	.	.	.	.	.	.	52
1.25-1.49	.	.	4	5	.	.	.	.	.	.	9
1.50-1.74	.	.	.	11	.	.	.	.	.	.	11
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2122	150	35	0	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.1 NO. OF CASES= 2163.

STATION Q22 43.88N 76.65W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1506	.	.	.	.	.	.	.	.	1506
0.25-0.49	.	718	.	.	.	.	.	.	.	.	718
0.50-0.74	.	490	102	.	.	.	.	.	.	.	592
0.75-0.99	.	45	182	13	.	.	.	.	.	.	240
1.00-1.24	.	5	182	49	.	.	.	.	.	.	236
1.25-1.49	.	.	18	59	.	.	.	.	.	.	77
1.50-1.74	.	.	.	69	.	.	.	.	.	.	69
1.75-1.99	.	.	.	21	2	.	.	.	.	.	23
2.00-2.24	.	.	.	9	19	.	.	.	.	.	28
2.25-2.49	.	.	.	.	3	.	.	.	.	.	3
2.50-2.74	.	.	.	.	7	.	.	.	.	.	7
2.75-2.99	.	.	.	.	3	1	.	.	.	.	4
3.00-3.24	.	.	.	.	1	.	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	1
TOTAL	0	2764	484	220	35	2	0	0	0	0	1

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 3.3 NO. OF CASES= 3288.

STATION 022 43.88N 76.65W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3240	1	.	.	.	.	.	.	.	3241
0.25-0.49	.	1803	6	.	.	.	.	.	.	.	1809
0.50-0.74	.	1044	263	9	.	.	.	.	.	.	1316
0.75-0.99	.	97	356	42	.	.	.	.	.	.	495
1.00-1.24	.	2	396	141	.	.	.	.	.	.	539
1.25-1.49	.	.	27	174	8	.	.	.	.	.	209
1.50-1.74	.	.	.	190	14	.	.	.	.	.	194
1.75-1.99	.	.	.	87	17	.	.	.	.	.	104
2.00-2.24	.	.	.	10	90	.	.	.	.	.	100
2.25-2.49	.	.	.	.	26	.	.	.	.	.	26
2.50-2.74	.	.	.	.	37	.	.	.	.	.	37
2.75-2.99	.	.	.	.	7	2	.	.	.	.	9
3.00-3.24	.	.	.	.	.	9	.	.	.	.	9
3.25-3.49	.	.	.	.	.	2	.	.	.	.	2
3.50+	.	.	.	.	.	1	.	.	.	.	1
TOTAL	0	6186	1049	653	189	14	0	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 3.4 NO. OF CASES= 7577.

STATION 022 43.88N 76.65W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3303	6	.	.	.	.	.	.	.	3309
0.25-0.49	.	2095	44	2	.	.	.	.	.	.	2141
0.50-0.74	.	956	355	29	.	.	.	.	.	.	1340
0.75-0.99	.	55	310	81	1	.	.	.	.	.	447
1.00-1.24	.	3	186	189	1	.	.	.	.	.	389
1.25-1.49	.	.	4	116	5	.	.	.	.	.	125
1.50-1.74	.	.	.	86	12	.	.	.	.	.	98
1.75-1.99	.	.	.	21	20	.	.	.	.	.	41
2.00-2.24	.	.	.	2	38	1	.	.	.	.	41
2.25-2.49	.	.	.	.	14	.	.	.	.	.	14
2.50-2.74	.	.	.	.	13	1	.	.	.	.	14
2.75-2.99	.	.	.	.	2	2	.	.	.	.	4
3.00-3.24	.	.	.	.	.	3	.	.	.	.	3
3.25-3.49	.	.	.	.	.	1	.	.	.	.	1
3.50+	.	.	.	.	.	1	3	.	.	.	4
TOTAL	0	6412	915	526	106	9	3	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 4.1 MEAN TP(SEC)= 3.3 NO. OF CASES= 7465.

STATION 022 43.88N 76.65W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	6371	168	2	.	.	.	.	.	.	6541
0.25-0.49	.	2702	839	278	4	.	.	.	.	.	3823
0.50-0.74	.	1189	620	545	127	2	.	.	.	.	2483
0.75-0.99	.	168	535	207	96	26	.	.	.	.	1032
1.00-1.24	.	1	254	339	89	39	6	.	.	.	728
1.25-1.49	.	.	14	176	50	19	9	.	.	.	268
1.50-1.74	.	.	2	148	80	7	7	.	.	.	244
1.75-1.99	.	.	.	38	48	13	1	.	.	.	100
2.00-2.24	.	.	.	3	102	11	3	.	.	.	119
2.25-2.49	.	.	.	.	56	3	1	.	.	.	60
2.50-2.74	.	.	.	.	22	33	3	.	.	.	58
2.75-2.99	.	.	.	.	3	29	.	.	.	.	32
3.00-3.24	.	.	.	.	.	31	9	.	.	.	40
3.25-3.49	.	.	.	.	.	13	13	.	.	.	26
3.50+	.	.	.	.	.	5	43	4	4	0	56
TOTAL	0	10431	2432	1736	677	231	95	4	4	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 7.2 MEAN TP(SEC)= 3.6 NO. OF CASES= 14620.

STATION 022 43.88N 76.65W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	6239	1641	891	33	.	.	.	.	.	8804
0.25-0.49	.	2738	608	1265	360	9	.	.	.	.	4980
0.50-0.74	.	2323	195	520	761	204	13	.	.	.	4016
0.75-0.99	.	394	194	171	324	267	55	.	.	.	1405
1.00-1.24	.	32	227	175	164	222	164	.	.	.	984
1.25-1.49	.	.	64	68	70	72	97	.	.	.	371
1.50-1.74	.	.	28	72	67	75	104	3	.	.	349
1.75-1.99	.	.	2	20	32	44	59	.	.	.	158
2.00-2.24	.	.	.	3	41	22	68	1	.	.	135
2.25-2.49	.	.	.	.	20	5	22	.	1	.	54
2.50-2.74	.	.	.	.	12	26	8	.	.	.	51
2.75-2.99	.	.	.	.	2	14	2	.	.	.	19
3.00-3.24	.	.	.	.	.	14	13	.	.	.	28
3.25-3.49	.	.	.	.	.	4	9	.	.	.	14
3.50+	.	.	.	.	.	.	32	13	3	0	68
TOTAL	0	11726	2959	3186	1886	978	666	31	4	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 6.7 MEAN TP(SEC)= 4.1 NO. OF CASES= 20076.

STATION 022 43.88N 76.65W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1997	53	49	3	.	.	.	.	.	2102
0.25-0.49	.	1690	6	12	17	2	.	.	.	.	1727
0.50-0.74	.	1209	1	1	10	14	2	.	.	.	1237
0.75-0.99	.	228	1	1	2	18	4	.	.	.	262
1.00-1.24	.	7	134	.	4	8	22	.	.	.	175
1.25-1.49	.	.	49	.	.	2	6	.	.	.	57
1.50-1.74	.	.	10	3	.	.	6	.	.	.	19
1.75-1.99	.	.	1	1	.	1	8	.	.	.	11
2.00-2.24	.	.	.	3	.	.	3	.	.	.	6
2.25-2.49	.	.	.	2	.	.	.	.	.	.	2
2.50-2.74	.	.	.	1	.	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5131	263	73	36	45	51	0	0	0	5249.

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.2 NO. OF CASES= 5249.

STATION 022 43.88N 76.65W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1342	4	.	.	.	.	.	.	.	1346
0.25-0.49	.	1111	1	.	.	.	.	.	.	.	1112
0.50-0.74	.	1025	.	.	.	.	.	.	.	.	1025
0.75-0.99	.	227	45	.	.	.	.	.	.	.	272
1.00-1.24	.	1	76	.	.	.	2	.	.	.	81
1.25-1.49	.	.	33	3	.	.	1	.	.	.	37
1.50-1.74	.	.	7	23	.	.	1	.	.	.	31
1.75-1.99	.	.	.	1	.	.	1	.	.	.	2
2.00-2.24	.	.	.	4	.	.	.	.	.	.	4
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3706	168	31	1	0	5	0	0	0	3662.

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.1 NO. OF CASES= 3662.

STATION 022 43.88N 76.65W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1547	2	2	.	.	.	.	.	.	1551
0.25-0.49	.	896	.	.	.	.	.	.	.	.	896
0.50-0.74	.	1088	3	.	.	.	.	.	.	.	1091
0.75-0.99	.	216	62	.	.	.	.	.	.	.	278
1.00-1.24	.	.	58	.	.	.	.	.	.	.	59
1.25-1.49	.	.	49	14	.	.	.	.	.	.	63
1.50-1.74	.	.	.	23	.	.	.	.	.	.	23
1.75-1.99	.	.	.	3	.	.	.	.	.	.	3
2.00-2.24	.	.	.	2	.	.	.	.	.	.	2
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3747	175	44	0	0	0	0	0	0	3713.

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.1 NO. OF CASES= 3713.

STATION 022 43.88N 76.65W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

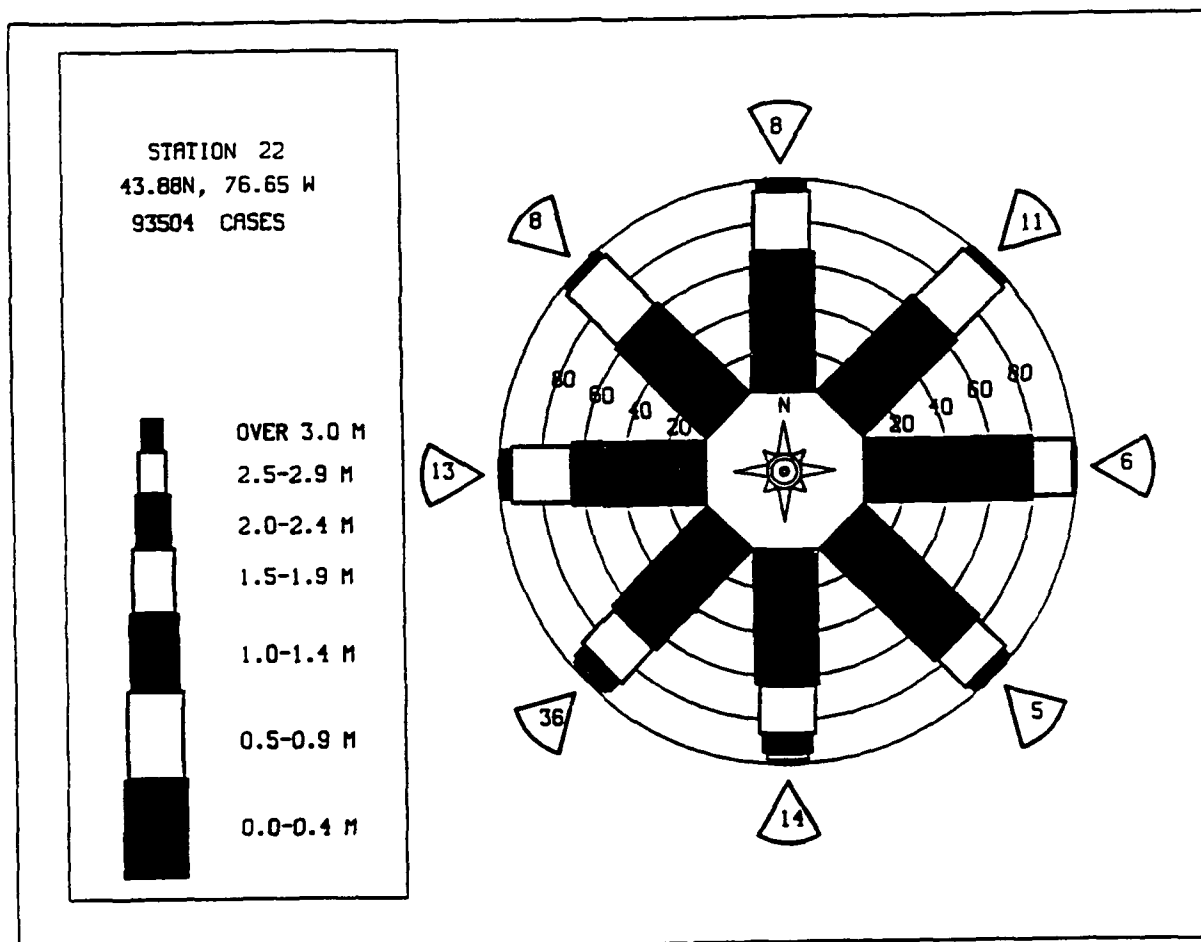
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1507	2	1	.	.	.	.	.	.	1510
0.25-0.49	.	878	1	.	.	.	.	.	.	.	879
0.50-0.74	.	916	4	.	.	.	.	.	.	.	920
0.75-0.99	.	167	173	.	.	.	.	.	.	.	340
1.00-1.24	.	.	117	4	.	.	.	.	.	.	121
1.25-1.49	.	.	19	23	.	.	.	.	.	.	42
1.50-1.74	.	.	.	24	.	.	.	.	.	.	24
1.75-1.99	.	.	.	7	.	.	.	.	.	.	7
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3468	316	59	1	0	0	0	0	0	3600.

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.1 NO. OF CASES= 3600.

STATION 022 43.88N 76.65W FOR ALL DIRECTIONS  
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (METRES)	PEAK PERIOD (SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	3988	189	94	3	.	.	.	.	.	4274
0.25-0.49	.	1994	120	135	38	1	.	.	.	.	2338
0.50-0.74	.	1349	162	110	89	22	1	.	.	.	1933
0.75-0.99	.	238	263	12	42	31	5	.	.	.	631
1.00-1.24	.	5	216	91	25	27	19	.	.	.	383
1.25-1.49	.	.	37	72	13	9	11	.	.	.	142
1.50-1.74	.	.	4	78	16	8	11	.	.	.	117
1.75-1.99	.	.	.	23	11	5	7	.	.	.	46
2.00-2.24	.	.	.	4	28	3	7	.	.	.	43
2.25-2.49	.	.	.	.	12	.	2	.	.	.	14
2.50-2.74	.	.	.	.	8	6	1	.	.	.	16
2.75-2.99	.	.	.	.	1	5	.	.	.	.	6
3.00-3.24	.	.	.	.	.	5	2	.	.	.	7
3.25-3.49	.	.	.	.	.	2	2	.	.	.	4
3.50+	.	.	.	.	.	9	1	.	.	.	10
TOTAL	0	7774	1021	678	288	124	77	1	0	0	

MEAN HS(M)= 0.4    LARGEST HS(M)= 7.2    MEAN TP(SEC)= 3.4    TOTAL CASES= 93504.





MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 022 (43.88N 76.65W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1957	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1958	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1959	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1960	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1961	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1962	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1963	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1964	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1965	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1966	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1967	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1968	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1969	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1970	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1971	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1972	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1973	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1974	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1975	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1976	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1977	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1978	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1979	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1980	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1981	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1982	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1983	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1984	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1985	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1986	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1987	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
MEAN	0.6	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 022 (43.88N 76.65W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1957	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1958	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1959	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1960	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1961	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1962	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1963	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1964	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1965	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1966	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1967	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1968	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1969	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1970	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1971	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1972	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1973	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1974	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1975	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1976	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1977	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1978	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1979	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1980	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1981	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1982	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1983	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1984	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1985	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1986	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1987	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

32 YR. STATISTICS FOR WIS STATION 022

MEAN SIGNIFICANT WAVE HEIGHT . . . . . (METERS)	0.4
MEAN PEAK WAVE PERIOD . . . . . (SECONDS)	3.4
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND . . (DEGREES)	247.5
STANDARD DEVIATION OF WAVE HS . . . . . (METERS)	0.4
STANDARD DEVIATION OF WAVE TP . . . . . (SECONDS)	1.0
LARGEST WAVE HS . . . . . (METERS)	7.2
WAVE TP ASSOCIATED WITH LARGEST WAVE HS . . . . . (SECONDS)	11.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS . . (DEGREES)	236.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)	71022818

STATION 023 43.75N 76.85W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1560	.	.	.	.	.	.	.	.	1560
0.25-0.49	.	814	7	.	.	.	.	.	.	.	821
0.50-0.74	.	504	37	6	.	.	.	.	.	.	547
0.75-0.99	.	53	4	5	.	.	.	.	.	.	62
1.00-1.24	.	6	32	1	1	.	.	.	.	.	40
1.25-1.49	.	.	11	.	.	.	.	.	.	.	11
1.50-1.74	.	.	3	.	.	.	.	.	.	.	3
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2937	94	12	1	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.0 NO. OF CASES= 2852.

STATION 023 43.75N 76.85W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1481	.	.	.	.	.	.	.	.	1481
0.25-0.49	.	724	7	.	.	.	.	.	.	.	731
0.50-0.74	.	333	93	5	.	.	.	.	.	.	431
0.75-0.99	.	14	71	12	.	.	.	.	.	.	97
1.00-1.24	.	1	41	17	.	.	.	.	.	.	59
1.25-1.49	.	.	2	19	.	.	.	.	.	.	21
1.50-1.74	.	.	.	7	.	.	.	.	.	.	9
1.75-1.99	.	.	.	.	6	.	.	.	.	.	6
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2553	216	60	9	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.1 NO. OF CASES= 2660.

STATION 023 43.75N 76.85W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2329	1	.	.	.	.	.	.	.	2330
0.25-0.49	.	1003	4	.	.	.	.	.	.	.	1007
0.50-0.74	.	427	208	3	.	.	.	.	.	.	638
0.75-0.99	.	19	218	2	.	.	.	.	.	.	239
1.00-1.24	.	.	204	37	.	.	.	.	.	.	241
1.25-1.49	.	.	.	63	.	.	.	.	.	.	63
1.50-1.74	.	.	.	42	.	.	.	.	.	.	42
1.75-1.99	.	.	.	26	10	.	.	.	.	.	36
2.00-2.24	.	.	.	.	13	.	.	.	.	.	13
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3778	635	173	24	0	0	0	0	0	0

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.2 NO. OF CASES= 4317.

STATION 023 43.75N 76.85W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2073	.	.	.	.	.	.	.	.	2073
0.25-0.49	.	1070	1	.	.	.	.	.	.	.	1071
0.50-0.74	.	531	310	1	.	.	.	.	.	.	842
0.75-0.99	.	13	238	18	.	.	.	.	.	.	269
1.00-1.24	.	.	170	99	.	.	.	.	.	.	269
1.25-1.49	.	.	.	52	.	.	.	.	.	.	52
1.50-1.74	.	.	.	22	2	.	.	.	.	.	24
1.75-1.99	.	.	.	6	8	.	.	.	.	.	14
2.00-2.24	.	.	.	.	9	.	.	.	.	.	9
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3687	719	198	19	0	0	0	0	0	0

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 3.3 NO. OF CASES= 4329.

STATION 023 43.75N 76.85W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1965	.	.	.	.	.	.	.	.	1965
0.25-0.49	.	748	.	.	.	.	.	.	.	.	748
0.50-0.74	.	305	124	2	.	.	.	.	.	.	431
0.75-0.99	.	11	115	17	.	.	.	.	.	.	143
1.00-1.24	.	.	32	79	.	.	.	.	.	.	111
1.25-1.49	.	.	.	29	.	.	.	.	.	.	29
1.50-1.74	.	.	.	8	1	.	.	.	.	.	9
1.75-1.99	.	.	.	2	2	.	.	.	.	.	4
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3029	271	137	4	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.2 NO. OF CASES= 3223.

STATION 023 43.75N 76.85W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1181	.	.	.	.	.	.	.	.	1181
0.25-0.49	.	332	.	.	.	.	.	.	.	.	332
0.50-0.74	.	155	66	1	.	.	.	.	.	.	222
0.75-0.99	.	2	36	12	.	.	.	.	.	.	50
1.00-1.24	.	.	21	20	.	.	.	.	.	.	41
1.25-1.49	.	.	.	11	.	.	.	.	.	.	11
1.50-1.74	.	.	.	.	.	.	.	.	.	.	0
1.75-1.99	.	.	.	.	1	.	.	.	.	.	1
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1670	123	44	2	0	0	0	0	0	

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.1 NO. OF CASES= 1724.

STATION 023 43.75N 76.85W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1436	.	.	.	.	.	.	.	.	1436
0.25-0.49	.	412	.	.	.	.	.	.	.	.	412
0.50-0.74	.	231	45	.	.	.	.	.	.	.	276
0.75-0.99	.	9	67	1	.	.	.	.	.	.	77
1.00-1.24	.	.	43	5	.	.	.	.	.	.	48
1.25-1.49	.	.	.	5	.	.	.	.	.	.	5
1.50-1.74	.	.	.	6	.	.	.	.	.	.	6
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	1	1	.	.	.	.	.	2
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2088	155	18	1	0	0	0	0	0	

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.1 NO. OF CASES= 2120.

STATION 023 43.75N 76.85W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1467	.	.	.	.	.	.	.	.	1467
0.25-0.49	.	641	.	.	.	.	.	.	.	.	641
0.50-0.74	.	516	74	.	.	.	.	.	.	.	590
0.75-0.99	.	37	150	3	.	.	.	.	.	.	190
1.00-1.24	.	1	125	19	.	.	.	.	.	.	145
1.25-1.49	.	.	5	38	.	.	.	.	.	.	43
1.50-1.74	.	.	.	37	1	.	.	.	.	.	38
1.75-1.99	.	.	.	13	2	.	.	.	.	.	15
2.00-2.24	.	.	.	1	6	.	.	.	.	.	7
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	1	.	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2662	354	111	11	0	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 3.2 NO. OF CASES= 2941.

STATION 023 43.75N 76.85W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		2287									2287
0.25-0.49		990	2								992
0.50-0.74		653	217	36							876
0.75-0.99		55	250	32							337
1.00-1.24			204	112							316
1.25-1.49			9	99							113
1.50-1.74				77							82
1.75-1.99				29							35
2.00-2.24				6	40						46
2.25-2.49					17						17
2.50-2.74					8	1					9
2.75-2.99						2					5
3.00-3.24						1					1
3.25-3.49											0
3.50+											0
TOTAL	0	3985	682	361	84	4	0	0	0	0	4792

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 3.3 NO. OF CASES= 4792.

STATION 023 43.75N 76.85W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		2692									2692
0.25-0.49		1319	10								1329
0.50-0.74		687	258	17							962
0.75-0.99		42	209	55							306
1.00-1.24		1	128	106							235
1.25-1.49			3	62							65
1.50-1.74				48	2						50
1.75-1.99				6	2						8
2.00-2.24				1	13						14
2.25-2.49					9						9
2.50-2.74					3						3
2.75-2.99											0
3.00-3.24						1					0
3.25-3.49						1					1
3.50+											1
TOTAL	0	4741	608	295	29	2	0	0	0	0	5316

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 3.2 NO. OF CASES= 5316.

STATION 023 43.75N 76.85W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		3967									3967
0.25-0.49		2214	38								2252
0.50-0.74		1004	509	33							1546
0.75-0.99		77	282	139							498
1.00-1.24			142	181	10						333
1.25-1.49			6	91	7						104
1.50-1.74			1	69	12	1					83
1.75-1.99				14	13						27
2.00-2.24					44	1					45
2.25-2.49					4						4
2.50-2.74					9	5					14
2.75-2.99					2	8					10
3.00-3.24						4					4
3.25-3.49						4					4
3.50+						1					2
TOTAL	0	7262	978	527	101	24	1	0	0	0	8328

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 3.3 NO. OF CASES= 8328.

STATION 023 43.75N 76.85W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		7677	60	4							7741
0.25-0.49		5210	1273	84	1						6568
0.50-0.74		1498	2368	1605	29						5500
0.75-0.99		134	599	1137	175						2046
1.00-1.24		1	366	849	520	20					1756
1.25-1.49			25	284	332	52					693
1.50-1.74			3	212	280	161	1				657
1.75-1.99				49	137	89	12				287
2.00-2.24				3	141	108	35				287
2.25-2.49					72	36	37				145
2.50-2.74					53	64	50				167
2.75-2.99					2	57	9				68
3.00-3.24						68	14				82
3.25-3.49						20	25				45
3.50+						10	146	12	0	0	168
TOTAL	0	14520	4694	4227	1742	686	329	12	0	0	24533

MEAN HS(M) = 0.6 LARGEST HS(M)= 6.5 MEAN TP(SEC)= 3.9 NO. OF CASES= 24533.

STATION 023 43.75N 76.85W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	5575	55	.	.	.	.	.	.	.	5630
0.25-0.49	.	3087	951	72	.	.	.	.	.	.	4110
0.50-0.74	.	1061	1591	947	21	.	.	.	.	.	3620
0.75-0.99	.	137	534	837	126	2	.	.	.	.	1636
1.00-1.24	.	6	283	729	487	10	.	.	.	.	1515
1.25-1.49	.	.	21	207	347	47	.	.	.	.	622
1.50-1.74	.	.	1	130	352	114	2	.	.	.	599
1.75-1.99	.	.	.	23	103	8	.	.	.	.	236
2.00-2.24	.	.	.	3	132	45	.	.	.	.	306
2.25-2.49	.	.	.	.	48	39	55	.	.	.	142
2.50-2.74	.	.	.	.	13	84	43	.	.	.	140
2.75-2.99	.	.	.	.	1	42	18	.	.	.	61
3.00-3.24	.	.	.	.	1	49	32	1	.	.	83
3.25-3.49	.	.	.	.	.	11	43	.	.	.	54
3.50+	.	.	.	.	.	3	180	12	.	.	195
TOTAL	0	9866	3436	2948	1624	636	426	13	0	0	

MEAN HS(M) = 0.7 LARGEST HS(M)= 6.6 MEAN TP(SEC)= 4.0 NO. OF CASES= 17743.

STATION 023 43.75N 76.85W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1349	17	3	.	.	.	.	.	.	1369
0.25-0.49	.	905	114	4	.	.	.	.	.	.	1023
0.50-0.74	.	878	258	44	.	.	.	.	.	.	1180
0.75-0.99	.	264	102	81	1	.	.	.	.	.	448
1.00-1.24	.	4	70	104	32	.	.	.	.	.	210
1.25-1.49	.	.	25	23	39	1	.	.	.	.	88
1.50-1.74	.	.	9	36	33	1	.	.	.	.	79
1.75-1.99	.	.	.	9	13	1	.	.	.	.	27
2.00-2.24	.	.	.	4	13	7	2	.	.	.	26
2.25-2.49	.	.	.	.	3	3	.	.	.	.	6
2.50-2.74	.	.	.	.	1	3	.	.	.	.	4
2.75-2.99	.	.	.	.	.	3	.	.	.	.	3
3.00-3.24	.	.	.	.	.	1	1	.	.	.	2
3.25-3.49	.	.	.	.	.	1	.	.	.	.	2
3.50+	.	.	.	.	.	1	1	1	.	.	2
TOTAL	0	3400	595	308	139	23	5	1	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 6.1 MEAN TP(SEC)= 3.4 NO. OF CASES= 4194.

STATION 023 43.75N 76.85W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1144	3	.	.	.	.	.	.	.	1147
0.25-0.49	.	487	11	1	.	.	.	.	.	.	499
0.50-0.74	.	515	12	3	.	.	.	.	.	.	530
0.75-0.99	.	70	8	3	.	.	.	.	.	.	81
1.00-1.24	.	.	21	2	2	.	.	.	.	.	25
1.25-1.49	.	.	14	2	.	.	.	.	.	.	16
1.50-1.74	.	.	2	1	.	.	.	.	.	.	3
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	1	.	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2216	71	14	2	0	0	0	0	0	

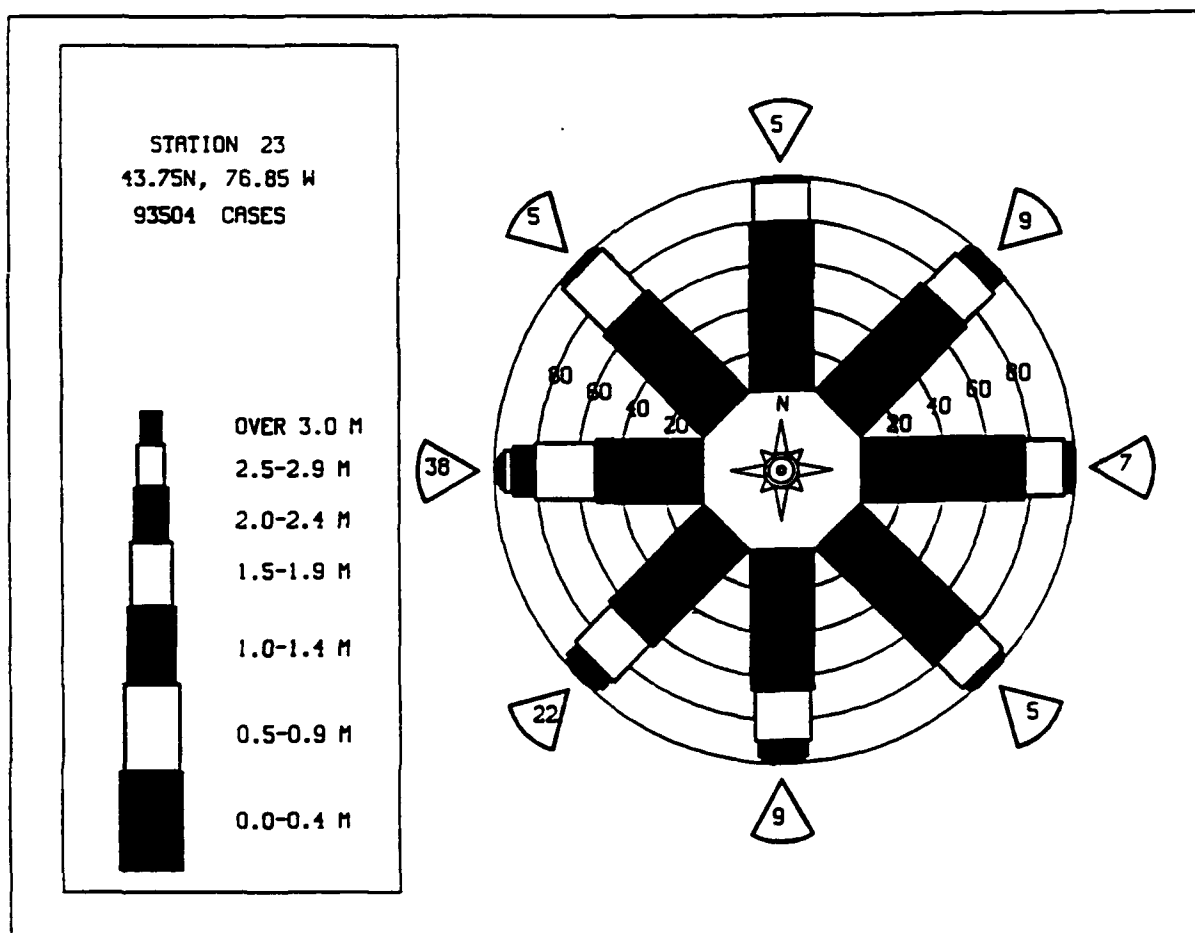
MEAN HS(M) = 0.3 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.0 NO. OF CASES= 2160.

STATION 023 43.75N 76.85W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1159	.	.	.	.	.	.	.	.	1159
0.25-0.49	.	624	6	.	.	.	.	.	.	.	630
0.50-0.74	.	519	3	.	.	.	.	.	.	.	522
0.75-0.99	.	70	9	2	.	.	.	.	.	.	81
1.00-1.24	.	.	19	.	.	.	.	.	.	.	19
1.25-1.49	.	.	8	1	.	.	.	.	.	.	9
1.50-1.74	.	.	.	5	.	.	.	.	.	.	5
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2372	45	8	0	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.0 NO. OF CASES= 2272.

STATION 023 43.75N 76.85W FOR ALL DIRECTIONS											
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	3935	13	.	.	.	.	.	.	.	3948
0.25-0.49	.	2038	242	16	.	.	.	.	.	.	2316
0.50-0.74	.	982	618	267	5	.	.	.	.	.	1872
0.75-0.99	.	101	290	236	30	.	.	.	.	.	637
1.00-1.24	.	2	190	236	105	3	.	.	.	.	536
1.25-1.49	.	.	13	99	73	10	.	.	.	.	193
1.50-1.74	.	.	2	70	69	27	.	.	.	.	168
1.75-1.99	.	.	.	18	30	19	2	.	.	.	69
2.00-2.24	.	.	.	2	42	24	8	.	.	.	76
2.25-2.49	.	.	.	.	15	7	9	.	.	.	31
2.50-2.74	.	.	.	.	9	15	9	.	.	.	33
2.75-2.99	.	.	.	.	.	11	2	.	.	.	13
3.00-3.24	.	.	.	.	.	12	7	.	.	.	19
3.25-3.49	.	.	.	.	.	3	2	.	.	.	5
3.50+	.	.	.	.	.	1	32	2	0	0	35
TOTAL	0	7078	1368	944	378	132	73	2	0	0	
MEAN HS(M)= 0.5 LARGEST HS(M)= 6.6 MEAN TP(SEC)= 3.5 TOTAL CASES= 93504.											



MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 023 (43.75N 76.85W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	0.0	0.3	0.5	0.5	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.6	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 023 (43.75N 76.85W)

YEAR	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1968	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1969	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1972	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1973	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1974	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1977	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1987	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

32 YR. STATISTICS FOR WIS STATION 023

MEAN SIGNIFICANT WAVE HEIGHT	(METERS)	0.5
MEAN PEAK WAVE PERIOD	(SECONDS)	3.5
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND	(DEGREES)	247.5
STANDARD DEVIATION OF WAVE HS	(METERS)	0.5
STANDARD DEVIATION OF WAVE TP	(SECONDS)	1.0
LARGEST WAVE HS	(METERS)	6.6
WAVE TP ASSOCIATED WITH LARGEST WAVE HS	(SECONDS)	10.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS	(DEGREES)	260.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		72012518

HEIGHT(METRES)	PEAK PERIOD(SECONDS)									TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	
0.00-0.24	.	1582	.	.	.	.	.	.	.	1582
0.25-0.49	.	807	10	1	.	.	.	.	.	818
0.50-0.74	.	491	17	6	.	.	.	.	.	514
0.75-0.99	.	33	3	5	1	.	.	.	.	42
1.00-1.24	.	1	36	1	.	.	.	.	.	38
1.25-1.49	.	.	7	.	.	.	.	.	.	7
1.50-1.74	.	.	1	.	.	.	.	.	.	0
1.75-1.99	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2914	74	13	1	0	0	0	0	2812.
MEAN HS(M) = 0.3	LARGEST HS(M)= 1.5		MEAN TP(SEC)= 3.0		NO. OF CASES=		2812.			

HEIGHT (METRES)	PEAK PERIOD (SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1414	.	.	.	.	.	.	.	.	1414
0.25-0.49	.	700	8	.	.	.	.	.	.	.	708
0.50-0.74	.	395	67	5	.	.	.	.	.	.	467
0.75-0.99	.	45	32	19	.	.	.	.	.	.	96
1.00-1.24	.	.	6	19	3	.	.	.	.	.	28
1.25-1.49	.	.	6	5	1	.	.	.	.	.	12
1.50-1.74	.	.	2	2	2	.	.	.	.	.	6
1.75-1.99	.	.	.	1	1	.	.	.	.	.	2
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2554	121	51	7	0	0	0	0	0	
MEAN HS(M) = 0.3	LARGEST HS(M) = 1.8		MEAN TP(SEC) = 3.1		NO. OF CASES = 2562.						

HEIGHT (METRES)	PEAK PERIOD (SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2369	1	.	.	.	.	.	.	.	2370
0.25-0.49	.	909	22	.	.	.	.	.	.	.	931
0.50-0.74	.	488	198	5	.	.	.	.	.	.	691
0.75-0.99	.	51	196	14	.	.	.	.	.	.	261
1.00-1.24	.	.	29	96	.	.	.	.	.	.	125
1.25-1.49	.	.	5	26	1	.	.	.	.	.	32
1.50-1.74	.	.	1	23	18	.	.	.	.	.	42
1.75-1.99	.	.	.	.	3	.	.	.	.	.	1
2.00-2.24	.	.	.	.	1	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3817	452	164	23	0	0	0	0	0	
MEAN HS(M) = 0.3	LARGEST HS(M) = 2.0		MEAN TP(SEC) = 3.2		NO. OF CASES = 4175.						

HEIGHT (METRES)	PEAK PERIOD (SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2235	.	.	.	.	.	.	.	.	2235
0.25-0.49	.	1023	11	.	.	.	.	.	.	.	1034
0.50-0.74	.	542	334	8	.	.	.	.	.	.	884
0.75-0.99	.	27	209	39	.	.	.	.	.	.	275
1.00-1.24	.	.	80	108	.	.	.	.	.	.	188
1.25-1.49	.	.	5	.	1	.	.	.	.	.	23
1.50-1.74	.	.	.	14	6	.	.	.	.	.	20
1.75-1.99	.	.	.	3	7	.	.	.	.	.	10
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3827	639	209	15	0	0	0	0	0	4393

MEAN HS(M) = 0.3      LARGEST HS(M) = 2.0      MEAN TP(SEC) = 3.2      NO. OF CASES = 4393.



STATION 024 43.75N 77.05W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2174	1	.	.	.	.	.	.	.	2175
0.25-0.49	.	797	4	.	.	.	.	.	.	.	801
0.50-0.74	.	324	182	5	.	.	.	.	.	.	511
0.75-0.99	.	10	99	58	.	.	.	.	.	.	167
1.00-1.24	.	.	33	91	.	.	.	.	.	.	124
1.25-1.49	.	.	.	22	1	.	.	.	.	.	23
1.50-1.74	.	.	.	10	3	.	.	.	.	.	13
1.75-1.99	.	.	.	2	5	.	.	.	.	.	7
2.00-2.24	.	.	.	.	1	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3305	319	188	10	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.2 NO. OF CASES= 3581.

STATION 024 43.75N 77.05W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1222	.	.	.	.	.	.	.	.	1222
0.25-0.49	.	346	.	.	.	.	.	.	.	.	346
0.50-0.74	.	167	75	2	.	.	.	.	.	.	244
0.75-0.99	.	1	37	34	.	.	.	.	.	.	72
1.00-1.24	.	.	10	29	1	.	.	.	.	.	40
1.25-1.49	.	.	.	7	.	.	.	.	.	.	7
1.50-1.74	.	.	.	1	1	.	.	.	.	.	2
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1736	122	73	4	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.1 NO. OF CASES= 1815.

STATION 024 43.75N 77.05W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1436	.	.	.	.	.	.	.	.	1436
0.25-0.49	.	438	1	.	.	.	.	.	.	.	440
0.50-0.74	.	214	81	.	.	.	.	.	.	.	295
0.75-0.99	.	13	55	6	.	.	.	.	.	.	74
1.00-1.24	.	.	21	16	.	.	.	.	.	.	37
1.25-1.49	.	.	1	6	.	.	.	.	.	.	7
1.50-1.74	.	.	.	8	.	.	.	.	.	.	8
1.75-1.99	.	.	.	.	1	.	.	.	.	.	1
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2102	159	36	2	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 3.1 NO. OF CASES= 2155.

STATION 024 43.75N 77.05W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1421	.	.	.	.	.	.	.	.	1421
0.25-0.49	.	690	.	.	.	.	.	.	.	.	690
0.50-0.74	.	452	132	2	.	.	.	.	.	.	586
0.75-0.99	.	36	142	18	.	.	.	.	.	.	186
1.00-1.24	.	.	98	66	.	.	.	.	.	.	164
1.25-1.49	.	.	4	37	1	.	.	.	.	.	42
1.50-1.74	.	.	1	40	.	.	.	.	.	.	41
1.75-1.99	.	.	.	4	7	.	.	.	.	.	11
2.00-2.24	.	.	.	1	11	.	.	.	.	.	12
2.25-2.49	.	.	.	.	4	.	.	.	.	.	4
2.50-2.74	.	.	.	.	2	.	.	.	.	.	2
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2598	377	168	25	0	0	0	0	0	0

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.3 NO. OF CASES= 2970.

STATION 024 43.75N 77.05W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2094	.	.	.	.	.	.	.	.	2094
0.25-0.49	.	912	2	.	.	.	.	.	.	.	914
0.50-0.74	.	545	232	6	.	.	.	.	.	.	783
0.75-0.99	.	39	195	37	.	.	.	.	.	.	271
1.00-1.24	.	.	133	121	1	.	.	.	.	.	255
1.25-1.49	.	.	4	75	5	.	.	.	.	.	84
1.50-1.74	.	.	.	58	9	.	.	.	.	.	67
1.75-1.99	.	.	.	9	17	.	.	.	.	.	26
2.00-2.24	.	.	.	1	21	.	.	.	.	.	22
2.25-2.49	.	.	.	.	13	.	.	.	.	.	13
2.50-2.74	.	.	.	.	8	.	.	.	.	.	8
2.75-2.99	.	.	.	.	1	.	.	.	.	.	1
3.00-3.24	.	.	.	.	.	2	.	.	.	.	2
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3590	566	307	75	2	0	0	0	0	4255

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 3.3 NO. OF CASES= 4255.

STATION 024 43.75N 77.05W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2875	.	.	.	.	.	.	.	.	2875
0.25-0.49	.	1311	5	.	.	.	.	.	.	.	1316
0.50-0.74	.	659	272	6	.	.	.	.	.	.	937
0.75-0.99	.	24	180	56	.	.	.	.	.	.	260
1.00-1.24	.	.	98	102	.	.	.	.	.	.	200
1.25-1.49	.	.	2	54	1	.	.	.	.	.	57
1.50-1.74	.	.	.	27	3	.	.	.	.	.	30
1.75-1.99	.	.	.	6	2	.	.	.	.	.	8
2.00-2.24	.	.	.	.	11	.	.	.	.	.	11
2.25-2.49	.	.	.	.	6	.	.	.	.	.	6
2.50-2.74	.	.	.	.	4	.	.	.	.	.	4
2.75-2.99	.	.	.	.	1	.	.	.	.	.	1
3.00-3.24	.	.	.	.	.	2	.	.	.	.	2
3.25-3.49	.	.	.	.	.	1	.	.	.	.	1
3.50+	.	.	.	.	.	1	.	.	.	.	1
TOTAL	0	4869	557	251	28	4	0	0	0	0	5348

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.7 MEAN TP(SEC)= 3.2 NO. OF CASES= 5348.

STATION 024 43.75N 77.05W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4538	3	.	.	.	.	.	.	.	4541
0.25-0.49	.	2536	42	1	.	.	.	.	.	.	2579
0.50-0.74	.	1161	549	43	.	.	.	.	.	.	1753
0.75-0.99	.	88	360	110	1	.	.	.	.	.	559
1.00-1.24	.	1	175	189	6	.	.	.	.	.	371
1.25-1.49	.	.	7	121	7	1	.	.	.	.	136
1.50-1.74	.	.	1	69	14	2	.	.	.	.	86
1.75-1.99	.	.	.	22	14	2	.	.	.	.	38
2.00-2.24	.	.	.	4	39	.	.	.	.	.	43
2.25-2.49	.	.	.	.	9	.	.	.	.	.	9
2.50-2.74	.	.	.	.	10	3	.	.	.	.	13
2.75-2.99	.	.	.	.	2	5	.	.	.	.	7
3.00-3.24	.	.	.	.	1	4	.	.	.	.	5
3.25-3.49	.	.	.	.	.	1	.	.	.	.	1
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	8324	1137	559	103	18	0	0	0	0	9497

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 3.3 NO. OF CASES= 9497.

STATION 024 43.75N 77.05W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	7678	51	2	.	.	.	.	.	.	7731
0.25-0.49	.	5173	1084	63	1	.	.	.	.	.	6331
0.50-0.74	.	1494	2477	1478	25	.	.	.	.	.	5474
0.75-0.99	.	146	601	1155	150	1	.	.	.	.	2053
1.00-1.24	.	2	433	819	496	10	.	.	.	.	1760
1.25-1.49	.	.	31	290	305	49	.	.	.	.	675
1.50-1.74	.	.	2	254	258	139	2	.	.	.	655
1.75-1.99	.	.	.	75	137	95	3	.	.	.	310
2.00-2.24	.	.	.	11	155	122	31	.	.	.	319
2.25-2.49	.	.	.	.	75	28	37	.	.	.	140
2.50-2.74	.	.	.	.	71	55	49	.	.	.	175
2.75-2.99	.	.	.	.	4	52	10	.	.	.	66
3.00-3.24	.	.	.	.	1	65	23	.	.	.	89
3.25-3.49	.	.	.	.	.	18	22	.	.	.	40
3.50+	.	.	.	.	.	10	144	9	0	0	163
TOTAL	0	14493	4669	4147	1678	644	321	9	0	0	24314

MEAN HS(M) = 0.6 LARGEST HS(M)= 6.2 MEAN TP(SEC)= 3.9 NO. OF CASES= 24314.

STATION Q24 43.75N 77.05W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	5086	28	1	.	.	.	.	.	.	5115
0.25-0.49	.	2887	716	49	.	.	.	.	.	.	3752
0.50-0.74	.	995	1428	757	3	.	.	.	.	.	3183
0.75-0.99	.	100	560	763	78	.	.	.	.	.	1501
1.00-1.24	.	3	285	721	439	2	.	.	.	.	1450
1.25-1.49	.	.	20	201	311	20	.	.	.	.	552
1.50-1.74	.	.	2	155	336	86	2	.	.	.	581
1.75-1.99	.	.	.	24	96	96	5	.	.	.	221
2.00-2.24	.	.	.	4	113	136	38	.	.	.	291
2.25-2.49	.	.	.	1	67	28	42	.	.	.	138
2.50-2.74	.	.	.	.	27	68	42	.	.	.	137
2.75-2.99	.	.	.	.	2	52	16	.	.	.	70
3.00-3.24	.	.	.	.	1	51	23	.	.	.	75
3.25-3.49	.	.	.	.	.	14	42	.	.	.	56
3.50+	.	.	.	.	.	1	194	5	.	.	200
TOTAL	0	9171	3039	2676	1473	554	404	5	0	0	

MEAN HS(M) = 0.7 LARGEST HS(M)= 6.2 MEAN TP(SEC)= 4.0 NO. OF CASES= 16218.

STATION Q24 43.75N 77.05W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1511	10	3	.	.	.	.	.	.	1524
0.25-0.49	.	998	117	3	.	.	.	.	.	.	1118
0.50-0.74	.	821	421	33	.	.	.	.	.	.	1275
0.75-0.99	.	218	238	101	2	.	.	.	.	.	559
1.00-1.24	.	1	83	202	17	.	.	.	.	.	303
1.25-1.49	.	.	21	41	41	1	.	.	.	.	104
1.50-1.74	.	.	9	44	56	3	.	.	.	.	112
1.75-1.99	.	.	.	7	34	5	.	.	.	.	46
2.00-2.24	.	.	.	3	21	6	3	.	.	.	33
2.25-2.49	.	.	.	.	5	1	.	.	.	.	6
2.50-2.74	.	.	.	.	2	1	.	.	.	.	8
2.75-2.99	.	.	.	.	.	6	2	.	.	.	4
3.00-3.24	.	.	.	.	.	.	1	.	.	.	1
3.25-3.49	.	.	.	.	.	.	4	.	.	.	5
3.50+	.	.	.	.	.	.	.	.	.	.	
TOTAL	0	3549	899	437	178	31	11	1	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 5.8 MEAN TP(SEC)= 3.5 NO. OF CASES= 4788.

STATION Q24 43.75N 77.05W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1309	3	1	.	.	.	.	.	.	1312
0.25-0.49	.	509	9	4	.	.	.	.	.	.	519
0.50-0.74	.	472	32	4	.	.	.	.	.	.	508
0.75-0.99	.	81	9	9	.	.	.	.	.	.	99
1.00-1.24	.	1	24	6	2	.	.	.	.	.	32
1.25-1.49	.	.	10	1	1	.	.	.	.	.	12
1.50-1.74	.	.	3	9	.	.	.	.	.	.	12
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	1	.	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2372	90	32	3	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.1 NO. OF CASES= 2341.

STATION Q24 43.75N 77.05W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1230	1	.	.	.	.	.	.	.	1231
0.25-0.49	.	606	6	.	.	.	.	.	.	.	612
0.50-0.74	.	484	4	.	.	.	.	.	.	.	488
0.75-0.99	.	57	6	2	.	.	.	.	.	.	65
1.00-1.24	.	1	20	.	.	.	.	.	.	.	21
1.25-1.49	.	.	10	2	.	.	.	.	.	.	12
1.50-1.74	.	.	.	4	.	.	.	.	.	.	4
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2378	47	8	0	0	0	0	0	0	

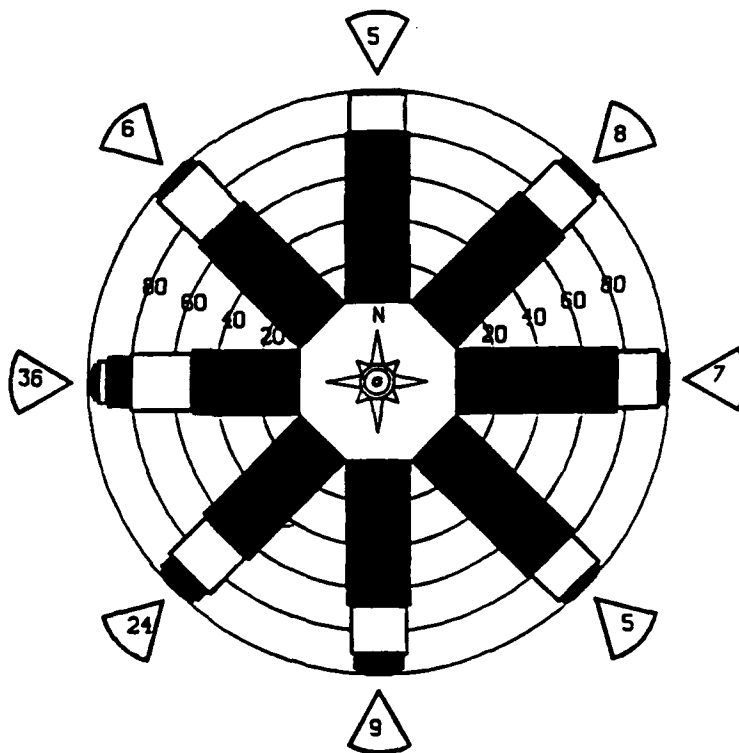
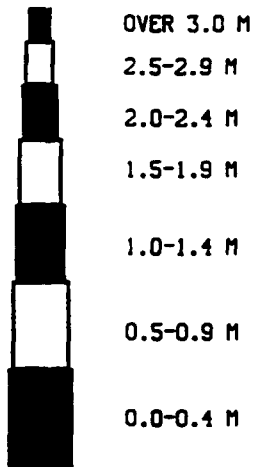
MEAN HS(M) = 0.3 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.0 NO. OF CASES= 2280.

STATION 024 43.75N 77.05W FOR ALL DIRECTIONS  
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4018	10	.	.	.	.	.	.	.	4028
0.25-0.49	.	2074	205	11	.	.	.	.	.	.	2290
0.50-0.74	.	971	650	236	23	.	.	.	.	.	1859
0.75-0.99	.	97	292	243	96	.	.	.	.	.	635
1.00-1.24	.	1	157	259	71	1	.	.	.	.	514
1.25-1.49	.	.	13	93	67	7	.	.	.	.	180
1.50-1.74	.	.	2	72	71	23	.	.	.	.	168
1.75-1.99	.	.	.	15	32	19	.	.	.	.	66
2.00-2.24	.	.	.	2	37	26	7	.	.	.	72
2.25-2.49	.	.	.	.	18	5	8	.	.	.	31
2.50-2.74	.	.	.	.	12	13	9	.	.	.	34
2.75-2.99	.	.	.	.	1	11	2	.	.	.	14
3.00-3.24	.	.	.	.	.	13	4	.	.	.	17
3.25-3.49	.	.	.	.	.	3	6	.	.	.	9
3.50+	.	.	.	.	.	1	34	.	.	.	36
TOTAL	0	7161	1329	931	359	122	70	1	0	0	93504

MEAN HS(M)= 0.5 LARGEST HS(M)= 6.2 MEAN TP(SEC)= 3.5 TOTAL CASES= 93504.

STATION 24  
43.75N, 77.05 W  
93504 CASES



MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION O24 (43.75N 77.05W)

	MONTH												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.3	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1957	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1958	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1959	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1960	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1961	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1962	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1963	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1964	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1965	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1966	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1967	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1968	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1969	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1970	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1971	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1972	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1973	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1974	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1975	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1976	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1977	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1978	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1979	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1980	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1981	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1982	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1983	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1984	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1985	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1986	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1987	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.4
MEAN	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.6	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION O24 (43.75N 77.05W)

	MONTH												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	0.9	3.3	4.0	3.1	2.4	1.8	1.1	1.1	1.7	1.9	2.2	1.8	
1957	1.3	1.3	1.8	2.7	1.5	2.4	2.1	1.1	2.7	1.9	2.2	2.7	
1958	2.8	2.7	1.8	3.2	2.3	2.1	1.5	1.3	2.9	2.2	2.4	3.3	
1959	4.7	3.3	1.7	1.8	1.9	1.6	1.4	1.0	1.4	2.8	2.5	2.5	
1960	3.0	3.3	1.1	1.4	3.6	1.7	1.2	0.9	1.6	2.2	2.2	2.6	
1961	3.1	3.3	2.0	3.2	2.1	2.1	1.3	1.5	1.9	1.7	2.0	2.7	
1962	3.2	3.8	2.0	3.2	2.5	1.5	3.5	2.3	3.3	2.2	2.0	4.2	
1963	3.7	3.5	3.9	5.8	3.2	2.1	1.7	3.7	1.5	2.8	2.2	3.3	
1964	4.2	3.3	3.3	3.0	2.2	1.7	2.2	2.1	2.5	2.2	2.2	1.7	
1965	4.0	3.7	3.2	3.1	1.8	2.4	1.1	2.0	1.3	2.8	2.5	2.4	
1966	4.7	3.3	4.6	1.8	2.2	1.6	2.3	1.3	2.7	3.2	2.2	2.2	
1967	2.3	4.0	1.6	3.7	3.2	1.7	1.8	1.7	2.1	2.7	2.2	2.2	
1968	3.1	5.4	2.3	4.6	2.0	1.7	2.8	1.9	1.4	2.2	2.5	3.5	
1969	3.3	4.4	2.9	3.2	2.0	1.5	1.7	2.3	2.2	3.1	2.5	2.7	
1970	2.5	2.9	4.0	4.0	1.7	1.2	1.6	1.2	2.1	1.5	2.9	2.5	
1971	4.3	6.2	3.8	1.9	2.1	0.9	1.7	1.7	1.8	1.1	2.9	4.0	
1972	6.1	4.2	3.6	1.3	1.4	1.8	1.1	1.8	1.7	1.8	3.3	3.7	
1973	4.3	2.1	2.2	2.0	1.7	1.6	2.8	1.4	1.9	4.1	4.1	4.1	
1974	4.3	4.6	3.0	4.5	2.2	3.0	1.4	1.2	2.2	2.8	2.1	2.1	
1975	4.3	6.2	2.9	4.4	3.2	2.2	1.6	1.5	2.4	2.3	4.1	4.7	
1976	4.0	4.6	4.1	2.7	3.2	1.8	1.3	1.2	2.4	3.7	3.2	4.5	
1977	5.2	3.7	3.7	4.2	2.0	2.4	3.5	1.9	2.3	2.0	2.4	4.2	
1978	4.6	3.5	3.3	4.1	1.8	1.2	1.8	1.4	1.9	1.6	4.6	4.1	
1979	3.6	3.3	3.7	5.2	1.7	1.0	0.8	2.3	1.0	1.5	3.3	3.3	
1980	5.4	2.0	4.1	2.0	1.9	1.7	1.2	0.7	2.3	4.7	2.2	2.2	
1981	2.4	3.3	2.5	4.2	1.6	1.9	1.3	0.8	2.5	3.3	3.3	2.5	
1982	5.1	2.4	4.4	5.4	1.3	1.2	1.8	1.1	2.6	3.3	3.3	4.4	
1983	3.6	2.0	3.1	1.7	2.1	1.2	1.1	1.6	1.8	3.0	2.2	3.6	
1984	3.1	2.0	2.9	1.6	2.5	1.1	1.2	0.7	1.6	1.7	2.8	3.1	
1985	3.7	1.8	2.5	2.8	1.6	1.8	1.2	0.9	0.8	1.4	3.0	4.0	
1986	2.3	3.8	3.8	1.7	2.4	1.3	0.9	1.1	1.9	1.9	3.7	4.2	
1987	2.4	1.4	1.9	1.8	1.8	1.6	0.6	0.6	1.0	1.1	2.1	2.0	

32 YR. STATISTICS FOR WIS STATION O24

MEAN SIGNIFICANT WAVE HEIGHT	(METERS)	0.5
MEAN PEAK WAVE PERIOD	(SECONDS)	3.5
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND	(DEGREES)	247.5
STANDARD DEVIATION OF WAVE HS	(METERS)	0.5
STANDARD DEVIATION OF WAVE TP	(SECONDS)	1.0
LARGEST WAVE HS	(METERS)	6.2
WAVE TP ASSOCIATED WITH LARGEST WAVE HS	(SECONDS)	10.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS	(DEGREES)	260.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		75022621

STATION 025 43.75N 77.25W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1626	5	1	.	.	.	.	.	.	1631
0.25-0.49	.	832	16	1	.	.	.	.	.	.	849
0.50-0.74	.	489	31	5	.	.	.	.	.	.	525
0.75-0.99	.	33	3	6	1	.	.	.	.	.	43
1.00-1.24	.	3	40	1	.	.	.	.	.	.	44
1.25-1.49	.	.	5	1	.	.	.	.	.	.	6
1.50-1.74	.	.	1	.	.	.	.	.	.	.	1
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2983	101	14	1	0	0	0	0	0	2902

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.5 MEAN TP(SEC)= 3.0 NO. OF CASES= 2902.

STATION 025 43.75N 77.25W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1373	1	.	.	.	.	.	.	.	1374
0.25-0.49	.	659	16	.	.	.	.	.	.	.	675
0.50-0.74	.	402	35	5	.	.	.	.	.	.	442
0.75-0.99	.	59	18	13	.	.	.	.	.	.	90
1.00-1.24	.	1	18	8	6	.	.	.	.	.	33
1.25-1.49	.	.	12	1	.	.	.	.	.	.	13
1.50-1.74	.	.	.	2	2	.	.	.	.	.	4
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2494	100	29	8	0	0	0	0	0	2466

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.1 NO. OF CASES= 2466.

STATION 025 43.75N 77.25W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2387	1	.	.	.	.	.	.	.	2388
0.25-0.49	.	878	37	.	.	.	.	.	.	.	915
0.50-0.74	.	585	154	8	.	.	.	.	.	.	747
0.75-0.99	.	95	64	36	.	.	.	.	.	.	195
1.00-1.24	.	.	16	63	4	.	.	.	.	.	83
1.25-1.49	.	.	10	8	7	.	.	.	.	.	25
1.50-1.74	.	.	8	17	5	.	.	.	.	.	30
1.75-1.99	.	.	.	2	.	.	.	.	.	.	2
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3945	290	134	16	0	0	0	0	0	4105

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.1 NO. OF CASES= 4105.

STATION 025 43.75N 77.25W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2270	.	.	.	.	.	.	.	.	2270
0.25-0.49	.	995	19	.	.	.	.	.	.	.	1014
0.50-0.74	.	521	309	12	.	.	.	.	.	.	842
0.75-0.99	.	49	157	47	.	.	.	.	.	.	253
1.00-1.24	.	.	44	84	.	.	.	.	.	.	128
1.25-1.49	.	.	9	19	6	.	.	.	.	.	34
1.50-1.74	.	.	1	9	12	.	.	.	.	.	22
1.75-1.99	.	.	.	.	4	.	.	.	.	.	4
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3835	539	171	22	0	0	0	0	0	4278

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.2 NO. OF CASES= 4278.

STATION 025 43.75N 77.25W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2365	1	.	.	.	.	.	.	.	2366
0.25-0.49	.	873	11	.	.	.	.	.	.	.	884
0.50-0.74	.	386	245	16	.	.	.	.	.	.	647
0.75-0.99	.	13	111	79	.	.	.	.	.	.	203
1.00-1.24	.	.	38	98	4	.	.	.	.	.	140
1.25-1.49	.	.	.	21	5	.	.	.	.	.	26
1.50-1.74	.	.	.	6	10	.	.	.	.	.	16
1.75-1.99	.	.	.	2	2	.	.	.	.	.	8
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3637	406	222	27	0	0	0	0	0	4021.

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.2 NO. OF CASES= 4021.

STATION 025 43.75N 77.25W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1258	.	.	.	.	.	.	.	.	1258
0.25-0.49	.	349	3	.	.	.	.	.	.	.	352
0.50-0.74	.	157	88	6	.	.	.	.	.	.	251
0.75-0.99	.	3	37	37	.	.	.	.	.	.	77
1.00-1.24	.	.	7	36	1	.	.	.	.	.	44
1.25-1.49	.	.	.	13	.	.	.	.	.	.	13
1.50-1.74	.	.	.	2	1	.	.	.	.	.	3
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1767	135	94	4	0	0	0	0	0	1876.

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.2 NO. OF CASES= 1876.

STATION 025 43.75N 77.25W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1440	.	.	.	.	.	.	.	.	1440
0.25-0.49	.	454	7	.	.	.	.	.	.	.	461
0.50-0.74	.	188	95	4	.	.	.	.	.	.	287
0.75-0.99	.	10	41	16	.	.	.	.	.	.	67
1.00-1.24	.	.	12	17	1	.	.	.	.	.	30
1.25-1.49	.	.	1	10	.	.	.	.	.	.	11
1.50-1.74	.	.	.	6	.	.	.	.	.	.	6
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	2	.	.	.	.	.	2
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2092	156	53	3	0	0	0	0	0	2160.

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.1 NO. OF CASES= 2160.

STATION 025 43.75N 77.25W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1300	.	.	.	.	.	.	.	.	1300
0.25-0.49	.	685	4	.	.	.	.	.	.	.	689
0.50-0.74	.	439	165	3	.	.	.	.	.	.	607
0.75-0.99	.	26	131	29	.	.	.	.	.	.	186
1.00-1.24	.	.	75	72	.	.	.	.	.	.	147
1.25-1.49	.	.	7	38	1	.	.	.	.	.	46
1.50-1.74	.	.	.	28	2	.	.	.	.	.	30
1.75-1.99	.	.	.	4	3	.	.	.	.	.	7
2.00-2.24	.	.	.	1	13	.	.	.	.	.	14
2.25-2.49	.	.	.	.	4	.	.	.	.	.	4
2.50-2.74	.	.	.	.	2	.	.	.	.	.	2
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	1	.	.	.	.	1
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2450	382	175	25	1	0	0	0	0	2846.

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 3.3 NO. OF CASES= 2846.

STATION 025 43.75N 77.25W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24	.	2109	.	.	.	.	.	.	.	.	2109
0.25-0.49	.	934	4	.	.	.	.	.	.	.	938
0.50-0.74	.	533	251	3	.	.	.	.	.	.	787
0.75-0.99	.	47	178	54	.	.	.	.	.	.	279
1.00-1.24	.	1	116	124	.	.	.	.	.	.	241
1.25-1.49	.	.	2	65	8	.	.	.	.	.	75
1.50-1.74	.	.	.	39	9	.	.	.	.	.	48
1.75-1.99	.	.	.	8	17	.	.	.	.	.	25
2.00-2.24	.	.	.	1	22	.	.	.	.	.	23
2.25-2.49	.	.	.	.	4	.	.	.	.	.	4
2.50-2.74	.	.	.	.	7	1	.	.	.	.	8
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3624	551	294	67	2	0	0	0	0	4251

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 3.3 NO. OF CASES= 4251.

STATION 025 43.75N 77.25W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24	.	3097	.	.	.	.	.	.	.	.	3097
0.25-0.49	.	1435	5	.	.	.	.	.	.	.	1440
0.50-0.74	.	711	297	3	.	.	.	.	.	.	1011
0.75-0.99	.	24	198	47	.	.	.	.	.	.	269
1.00-1.24	.	2	94	99	.	.	.	.	.	.	195
1.25-1.49	.	.	3	44	1	.	.	.	.	.	48
1.50-1.74	.	.	.	23	4	.	.	.	.	.	27
1.75-1.99	.	.	.	5	8	.	.	.	.	.	13
2.00-2.24	.	.	.	1	6	.	.	.	.	.	7
2.25-2.49	.	.	.	.	5	.	.	.	.	.	5
2.50-2.74	.	.	.	.	.	.	.	.	.	.	2
2.75-2.99	.	.	.	.	.	2	.	.	.	.	2
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5269	597	222	26	2	0	0	0	0	5726

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 3.2 NO. OF CASES= 5726.

STATION 025 43.75N 77.25W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24	.	4850	5	.	.	.	.	.	.	.	4855
0.25-0.49	.	2731	48	3	.	.	.	.	.	.	2782
0.50-0.74	.	1269	559	53	.	.	.	.	.	.	1881
0.75-0.99	.	86	427	108	.	.	.	.	.	.	621
1.00-1.24	.	2	196	176	11	.	.	.	.	.	385
1.25-1.49	.	.	9	132	10	1	.	.	.	.	152
1.50-1.74	.	.	1	69	17	2	.	.	.	.	89
1.75-1.99	.	.	.	25	13	2	.	.	.	.	40
2.00-2.24	.	.	.	6	33	1	.	.	.	.	40
2.25-2.49	.	.	.	.	12	.	.	.	.	.	12
2.50-2.74	.	.	.	.	6	1	.	.	.	.	7
2.75-2.99	.	.	.	.	1	5	.	.	.	.	6
3.00-3.24	.	.	.	.	2	5	.	.	.	.	7
3.25-3.49	.	.	.	.	.	2	.	.	.	.	2
3.50+	.	.	.	.	.	1	.	.	.	.	1
TOTAL	0	8938	1245	572	105	20	0	0	0	0	10186

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.7 MEAN TP(SEC)= 3.3 NO. OF CASES= 10186.

STATION 025 43.75N 77.25W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24	.	7432	28	1	.	.	.	.	.	.	7461
0.25-0.49	.	5066	924	41	.	.	.	.	.	.	6031
0.50-0.74	.	1488	2497	1332	20	.	.	.	.	.	5337
0.75-0.99	.	143	629	1177	124	1	.	.	.	.	2074
1.00-1.24	.	4	405	824	466	5	.	.	.	.	1704
1.25-1.49	.	.	33	302	320	38	.	.	.	.	693
1.50-1.74	.	.	3	239	302	129	.	.	.	.	673
1.75-1.99	.	.	.	88	134	100	3	.	.	.	325
2.00-2.24	.	.	.	16	174	140	19	.	.	.	349
2.25-2.49	.	.	.	.	62	29	34	.	.	.	125
2.50-2.74	.	.	.	.	70	58	51	.	.	.	179
2.75-2.99	.	.	.	.	8	60	12	.	.	.	80
3.00-3.24	.	.	.	.	2	74	19	.	.	.	95
3.25-3.49	.	.	.	.	.	27	24	1	.	.	52
3.50+	.	.	.	.	.	10	158	10	.	.	178
TOTAL	0	14133	4519	4020	1682	671	320	11	0	0	23732

MEAN HS(M) = 0.6 LARGEST HS(M)= 6.2 MEAN TP(SEC)= 3.9 NO. OF CASES= 23732.



STATION Q25 43.75N 77.25W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	4443	9	.	.	.	.	.	.	.	4452
0.25-0.49	.	2833	481	24	.	.	.	.	.	.	3338
0.50-0.74	.	918	1303	585	2	.	.	.	.	.	2808
0.75-0.99	.	84	479	701	43	.	.	.	.	.	1307
1.00-1.24	.	3	294	667	375	.	.	.	.	.	1339
1.25-1.49	.	.	14	207	270	6	.	.	.	.	497
1.50-1.74	.	.	1	168	328	48	.	.	.	.	545
1.75-1.99	.	.	.	29	100	93	1	.	.	.	223
2.00-2.24	.	.	.	3	121	136	24	.	.	.	284
2.25-2.49	.	.	.	.	67	26	19	.	.	.	112
2.50-2.74	.	.	.	.	33	74	36	.	.	.	143
2.75-2.99	.	.	.	.	1	44	29	.	.	.	80
3.00-3.24	.	.	.	.	.	70	20	.	.	.	90
3.25-3.49	.	.	.	.	.	11	40	.	.	.	51
3.50+	.	.	.	.	.	2	189	.	.	.	194
TOTAL	0	8281	2581	2384	1340	510	338	3	0	0	

MEAN HS(M) = 0.7 LARGEST HS(M)= 6.1 MEAN TP(SEC)= 4.0 NO. OF CASES= 14455.

STATION Q25 43.75N 77.25W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1703	7	1	.	.	.	.	.	.	1711
0.25-0.49	.	1161	100	3	.	.	.	.	.	.	1264
0.50-0.74	.	752	519	28	.	.	.	.	.	.	1299
0.75-0.99	.	77	479	59	1	.	.	.	.	.	616
1.00-1.24	.	.	232	263	18	.	.	.	.	.	513
1.25-1.49	.	.	13	102	35	1	.	.	.	.	151
1.50-1.74	.	.	2	80	45	2	.	.	.	.	129
1.75-1.99	.	.	.	8	43	5	.	.	.	.	56
2.00-2.24	.	.	.	.	43	11	2	.	.	.	56
2.25-2.49	.	.	.	.	10	3	1	.	.	.	14
2.50-2.74	.	.	.	.	2	10	2	.	.	.	14
2.75-2.99	.	.	.	.	.	6	.	.	.	.	6
3.00-3.24	.	.	.	.	.	4	.	.	.	.	4
3.25-3.49	.	.	.	.	.	1	3	.	.	.	4
3.50+	.	.	.	.	.	.	4	1	.	.	5
TOTAL	0	3693	1352	544	197	43	12	1	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 5.7 MEAN TP(SEC)= 3.6 NO. OF CASES= 5478.

STATION Q25 43.75N 77.25W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1459	2	.	.	.	.	.	.	.	1461
0.25-0.49	.	561	17	1	.	.	.	.	.	.	579
0.50-0.74	.	423	102	3	.	.	.	.	.	.	528
0.75-0.99	.	68	74	7	.	.	.	.	.	.	149
1.00-1.24	.	.	19	45	.	.	.	.	.	.	64
1.25-1.49	.	.	8	5	.	.	.	.	.	.	13
1.50-1.74	.	.	2	6	10	.	.	.	.	.	18
1.75-1.99	.	.	.	1	5	.	.	.	.	.	6
2.00-2.24	.	.	.	1	.	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2511	224	69	15	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 3.1 NO. OF CASES= 2644.

STATION Q25 43.75N 77.25W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1347	1	.	.	.	.	.	.	.	1348
0.25-0.49	.	617	7	.	.	.	.	.	.	.	624
0.50-0.74	.	440	19	1	.	.	.	.	.	.	460
0.75-0.99	.	47	9	2	.	.	.	.	.	.	58
1.00-1.24	.	.	24	9	.	.	.	.	.	.	33
1.25-1.49	.	.	6	1	.	.	.	.	.	.	7
1.50-1.74	.	.	.	5	2	.	.	.	.	.	7
1.75-1.99	.	.	.	.	1	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2451	66	18	3	0	0	0	0	0	

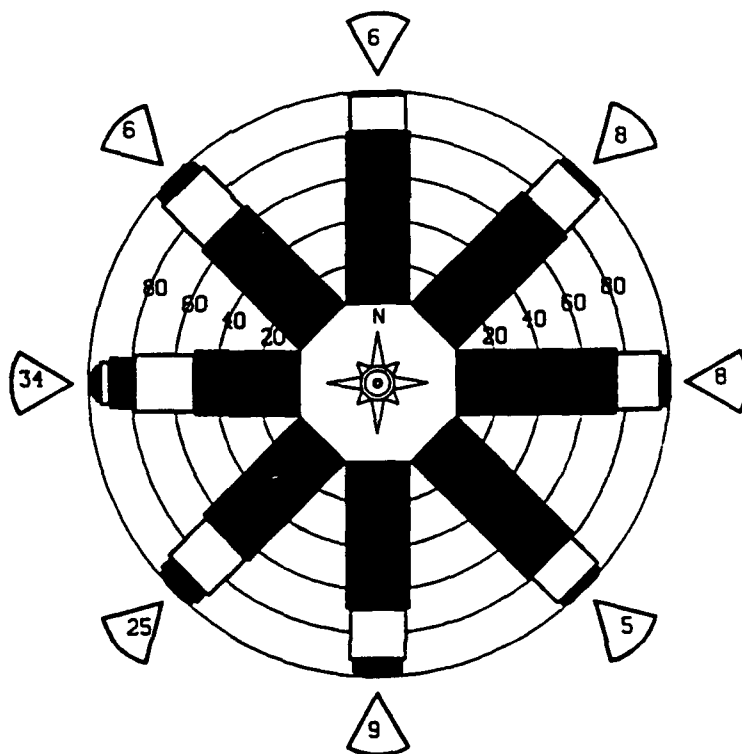
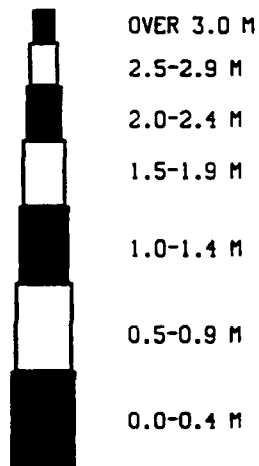
MEAN HS(M) = 0.3 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.0 NO. OF CASES= 2378.

STATION Q25 43.75N 77.25W FOR ALL DIRECTIONS  
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9	
0.00-0.24		4046	6								4052
0.25-0.49		2106	170	7							2283
0.50-0.74		970	667	207	2						1846
0.75-0.99		87	304	242	17						650
1.00-1.24		1	163	259	88						511
1.25-1.49			13	97	66	4					180
1.50-1.74			2	70	75	18					165
1.75-1.99				17	33	20					70
2.00-2.24				2	42	28	4				76
2.25-2.49					16	5	5				26
2.50-2.74					12	14	8				34
2.75-2.99					1	11	2				14
3.00-3.24						15	3				18
3.25-3.49						4	6				10
3.50+							1				37
TOTAL	0	7210	1325	901	352	120	63	1	0	0	

MEAN HS(M)= 0.5 LARGEST HS(M)= 6.2 MEAN TP(SEC)= 3.5 TOTAL CASES= 93504.

STATION 25  
 43.75N, 77.25 W  
 93504 CASES



MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 025 (43.75N 77.25W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	0.4	0.5	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.5	0.4	0.4
1957	0.4	0.4	0.4	0.5	0.3	0.3	0.3	0.2	0.4	0.4	0.7	0.7	0.4
1958	0.5	0.8	0.3	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.8	0.8	0.4
1959	0.7	0.6	0.7	0.5	0.3	0.4	0.2	0.3	0.3	0.4	0.6	0.5	0.5
1960	0.6	0.7	0.4	0.5	0.3	0.3	0.3	0.2	0.2	0.4	0.6	0.6	0.6
1961	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.3	0.3	0.4	0.5	0.6	0.4
1962	0.9	0.5	0.4	0.6	0.4	0.3	0.4	0.3	0.3	0.4	0.3	0.6	0.6
1963	0.7	0.8	0.7	0.7	0.6	0.3	0.4	0.4	0.3	0.4	0.7	0.5	0.5
1964	0.9	0.6	0.8	0.6	0.7	0.4	0.3	0.4	0.3	0.4	0.5	0.5	0.5
1965	0.8	0.8	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.6	0.4	0.4
1966	0.7	0.5	0.6	0.5	0.5	0.4	0.3	0.3	0.3	0.4	0.5	0.5	0.5
1967	0.6	0.8	0.4	0.6	0.5	0.4	0.3	0.3	0.3	0.4	0.7	0.6	0.4
1968	0.5	1.2	0.6	0.7	0.4	0.4	0.3	0.3	0.3	0.4	0.6	0.7	0.4
1969	0.8	0.7	0.8	0.5	0.4	0.3	0.3	0.4	0.3	0.4	0.5	0.6	0.4
1970	0.4	0.7	0.6	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.4
1971	0.9	1.0	0.8	0.5	0.3	0.2	0.3	0.3	0.3	0.3	0.5	0.6	0.4
1972	0.9	0.7	0.6	0.4	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.4
1973	0.9	0.4	0.5	0.6	0.4	0.4	0.4	0.3	0.3	0.4	0.8	0.6	0.4
1974	0.7	0.6	0.7	0.7	0.3	0.3	0.3	0.2	0.3	0.4	0.5	0.6	0.4
1975	0.8	0.8	0.7	0.6	0.2	0.3	0.3	0.3	0.4	0.4	0.6	0.6	0.4
1976	0.7	0.9	0.6	0.6	0.3	0.3	0.3	0.3	0.4	0.4	0.7	0.6	0.4
1977	1.1	0.9	0.8	0.7	0.3	0.4	0.3	0.3	0.4	0.4	0.8	0.8	0.4
1978	1.0	0.5	0.6	0.6	0.3	0.4	0.3	0.3	0.3	0.4	0.6	0.6	0.4
1979	0.8	0.6	0.7	0.7	0.3	0.3	0.2	0.3	0.3	0.4	0.5	0.6	0.4
1980	0.8	0.5	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.5	0.4
1981	0.5	0.6	0.5	0.7	0.3	0.4	0.3	0.3	0.3	0.4	0.6	0.6	0.4
1982	1.1	0.7	0.7	1.0	0.2	0.3	0.3	0.3	0.3	0.4	0.6	0.6	0.4
1983	0.6	0.4	0.5	0.4	0.4	0.2	0.3	0.2	0.3	0.3	0.5	0.6	0.4
1984	0.4	0.3	0.5	0.3	0.4	0.2	0.2	0.2	0.3	0.3	0.4	0.6	0.4
1985	0.6	0.5	0.5	0.5	0.3	0.4	0.2	0.2	0.2	0.3	0.5	0.7	0.4
1986	0.7	0.4	0.5	0.5	0.4	0.3	0.2	0.2	0.2	0.3	0.5	0.5	0.4
1987	0.5	0.3	0.3	0.4	0.3	0.2	0.2	0.2	0.1	0.2	0.4	0.4	0.3
MEAN	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.6	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 025 (43.75N 77.25W)

YEAR	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	1.0	3.3	4.1	3.1	2.5	1.8	1.2	1.3	1.7	2.3	3.0	1.7	
1957	1.0	1.1	1.8	2.7	2.5	1.1	1.1	1.1	2.6	2.2	2.8	2.7	
1958	2.9	2.6	1.6	3.2	2.9	2.1	1.7	1.4	2.9	2.2	4.0	3.0	
1959	4.4	3.4	1.8	1.8	1.9	1.7	1.4	1.0	1.4	2.2	2.4	2.4	
1960	3.0	3.2	2.4	3.5	2.0	2.6	1.7	1.2	1.0	2.2	2.3	2.6	
1961	3.0	3.2	2.1	3.3	2.1	2.1	1.3	1.3	1.9	2.2	2.7	2.7	
1962	3.2	2.2	1.7	2.6	2.8	1.5	3.3	2.2	3.3	2.2	1.8	2.4	
1963	3.3	2.2	4.0	3.7	3.4	2.2	1.7	2.6	2.2	2.2	2.2	2.2	
1964	3.4	3.4	3.1	3.1	3.0	2.0	1.7	2.2	2.1	2.1	3.3	3.3	
1965	3.4	3.4	3.1	3.1	3.1	2.5	1.1	2.2	2.0	2.1	2.4	2.2	
1966	2.8	3.0	3.3	3.1	3.2	1.7	1.7	1.5	3.0	2.2	2.2	2.3	
1967	2.1	3.4	1.5	3.5	3.3	1.7	1.7	1.7	2.1	2.2	3.3	3.1	
1968	3.3	3.5	3.4	3.7	3.9	1.9	1.9	1.7	1.9	2.2	3.3	3.4	
1969	3.3	3.4	3.4	3.4	3.4	1.6	1.7	2.2	2.7	2.2	3.3	3.3	
1970	2.4	3.0	3.0	3.9	3.7	1.3	1.6	1.2	2.0	2.3	2.7	2.2	
1971	3.4	3.4	3.4	3.4	3.4	1.1	1.3	1.1	1.1	1.1	3.4	3.4	
1972	3.4	3.4	3.4	3.4	3.4	1.1	1.1	1.1	1.1	1.1	3.4	3.4	
1973	3.4	3.4	3.4	3.4	3.4	1.1	1.1	1.1	1.1	1.1	3.4	3.4	
1974	3.4	3.4	3.4	3.4	3.4	1.1	1.1	1.1	1.1	1.1	3.4	3.4	
1975	3.4	3.4	3.4	3.4	3.4	1.1	1.1	1.1	1.1	1.1	3.4	3.4	
1976	3.4	3.4	3.4	3.4	3.4	1.1	1.1	1.1	1.1	1.1	3.4	3.4	
1977	3.4	3.4	3.4	3.4	3.4	1.1	1.1	1.1	1.1	1.1	3.4	3.4	
1978	3.4	3.4	3.4	3.4	3.4	1.1	1.1	1.1	1.1	1.1	3.4	3.4	
1979	3.4	3.4	3.4	3.4	3.4	1.1	1.1	1.1	1.1	1.1	3.4	3.4	
1980	3.4	3.4	3.4	3.4	3.4	1.1	1.1	1.1	1.1	1.1	3.4	3.4	
1981	3.4	3.4	3.4	3.4	3.4	1.1	1.1	1.1	1.1	1.1	3.4	3.4	
1982	3.4	3.4	3.4	3.4	3.4	1.1	1.1	1.1	1.1	1.1	3.4	3.4	
1983	3.4	3.4	3.4	3.4	3.4	1.1	1.1	1.1	1.1	1.1	3.4	3.4	
1984	3.4	3.4	3.4	3.4	3.4	1.1	1.1	1.1	1.1	1.1	3.4	3.4	
1985	3.4	3.4	3.4	3.4	3.4	1.1	1.1	1.1	1.1	1.1	3.4	3.4	
1986	3.4	3.4	3.4	3.4	3.4	1.1	1.1	1.1	1.1	1.1	3.4	3.4	
1987	2.3	1.4	2.0	1.7	1.7	1.7	0.6	0.6	1.1	1.1	2.1	2.0	

32 YR. STATISTICS FOR WIS STATION 025

MEAN SIGNIFICANT WAVE HEIGHT . . . . . (METERS)	0.5
MEAN PEAK WAVE PERIOD . . . . . (SECONDS)	3.5
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND . . (DEGREES)	247.5
STANDARD DEVIATION OF WAVE HS . . . . . (METERS)	0.5
STANDARD DEVIATION OF WAVE TP . . . . . (SECONDS)	1.0
LARGEST WAVE HS . . . . . (METERS)	6.2
WAVE TP ASSOCIATED WITH LARGEST WAVE HS . . . . . (SECONDS)	10.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS . . (DEGREES)	253.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)	75022615

STATION 026 43.75N 77.45W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1678	2	.	.	.	.	.	.	.	1680
0.25-0.49	.	782	24	3	.	.	.	.	.	.	809
0.50-0.74	.	514	32	9	.	.	.	.	.	.	555
0.75-0.99	.	38	7	6	.	.	.	.	.	.	51
1.00-1.24	.	3	37	3	.	.	.	.	.	.	43
1.25-1.49	.	.	9	.	.	.	.	.	.	.	9
1.50-1.74	.	.	1	1	.	.	.	.	.	.	2
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3015	112	22	0	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.5 MEAN TP(SEC)= 3.1 NO. OF CASES= 2950.

STATION 026 43.75N 77.45W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1375	1	.	.	.	.	.	.	.	1376
0.25-0.49	.	632	29	.	.	.	.	.	.	.	661
0.50-0.74	.	405	32	11	.	.	.	.	.	.	448
0.75-0.99	.	57	12	12	3	.	.	.	.	.	84
1.00-1.24	.	.	21	4	4	.	.	.	.	.	29
1.25-1.49	.	.	12	.	.	.	.	.	.	.	12
1.50-1.74	.	.	.	2	.	.	.	.	.	.	2
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2469	107	29	7	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.1 NO. OF CASES= 2449.

STATION 026 43.75N 77.45W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2298	3	.	.	.	.	.	.	.	2301
0.25-0.49	.	842	47	.	.	.	.	.	.	.	889
0.50-0.74	.	616	117	14	.	.	.	.	.	.	747
0.75-0.99	.	111	38	33	.	.	.	.	.	.	182
1.00-1.24	.	.	20	19	10	.	.	.	.	.	49
1.25-1.49	.	.	16	3	6	.	.	.	.	.	25
1.50-1.74	.	.	6	16	4	.	.	.	.	.	26
1.75-1.99	.	.	.	2	.	.	.	.	.	.	2
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3867	247	87	20	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.1 NO. OF CASES= 3953.

STATION 026 43.75N 77.45W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2252	1	.	.	.	.	.	.	.	2253
0.25-0.49	.	974	39	.	.	.	.	.	.	.	1014
0.50-0.74	.	516	239	19	.	.	.	.	.	.	784
0.75-0.99	.	57	96	38	.	.	.	.	.	.	211
1.00-1.24	.	.	39	72	3	.	.	.	.	.	115
1.25-1.49	.	.	.	3	13	.	.	.	.	.	24
1.50-1.74	.	.	.	8	5	.	.	.	.	.	15
1.75-1.99	.	.	2	2	1	.	.	.	.	.	3
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3801	444	162	22	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.2 NO. OF CASES= 4150.

STATION 026 43.75N 77.45W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24		2569									2569
0.25-0.49		921	17								938
0.50-0.74		402	270	20							692
0.75-0.99		18	133	89							240
1.00-1.24			33	89	9						131
1.25-1.49				18	11						29
1.50-1.74					11						18
1.75-1.99				2	5						7
2.00-2.24					2	1					3
2.25-2.49					1						1
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	3910	453	225	39	1	0	0	0	0	4336

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.2 NO. OF CASES= 4336.

STATION 026 43.75N 77.45W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24		1325									1325
0.25-0.49		337	6								343
0.50-0.74		142	121	5							268
0.75-0.99		1	34	42							77
1.00-1.24			11	39	6						56
1.25-1.49				12	3						15
1.50-1.74				2	3						5
1.75-1.99					1						1
2.00-2.24											0
2.25-2.49											0
2.50-2.74						1					1
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	1805	172	100	14	1	0	0	0	0	1963

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.2 NO. OF CASES= 1963.

STATION 026 43.75N 77.45W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24		1445									1445
0.25-0.49		438	13								451
0.50-0.74		175	101	12							288
0.75-0.99		17	37	26							80
1.00-1.24			12	18							30
1.25-1.49				7	2						9
1.50-1.74				6	1						7
1.75-1.99											0
2.00-2.24					2						2
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	2075	163	69	5	0	0	0	0	0	2169

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.1 NO. OF CASES= 2169.

STATION 026 43.75N 77.45W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24		1307	1								1308
0.25-0.49		673	9								682
0.50-0.74		429	179	4							612
0.75-0.99		22	108	38							166
1.00-1.24			80	80							160
1.25-1.49			5	38	5						47
1.50-1.74				20	19						25
1.75-1.99				5	5						13
2.00-2.24				1	1						20
2.25-2.49											2
2.50-2.74											3
2.75-2.99						1					1
3.00-3.24											0
3.25-3.49						1					1
3.50+											0
TOTAL	0	2431	380	186	41	2	0	0	0	0	2852

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 3.3 NO. OF CASES= 2852.

STATION 026 43.75N 77.45W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0 3.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2562	.	.	.	.	.	.	.	.	2562
0.25-0.49	.	1049	3	.	.	.	.	.	.	.	1052
0.50-0.74	.	623	284	9	.	.	.	.	.	.	916
0.75-0.99	.	35	195	57	.	.	.	.	.	.	287
1.00-1.24	.	3	99	151	1	.	.	.	.	.	254
1.25-1.49	.	.	4	66	16	.	.	.	.	.	76
1.50-1.74	.	.	.	34	16	.	.	.	.	.	50
1.75-1.99	.	.	.	9	18	.	.	.	.	.	27
2.00-2.24	.	.	.	.	14	.	.	.	.	.	14
2.25-2.49	.	.	.	.	6	.	.	.	.	.	6
2.50-2.74	.	.	.	.	5	1	.	.	.	.	6
2.75-2.99	.	.	.	.	1	1	.	.	.	.	2
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4272	585	326	67	3	0	0	0	0	4921.

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 3.3 NO. OF CASES= 4921.

STATION 026 43.75N 77.45W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0 3.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3137	.	.	.	.	.	.	.	.	3137
0.25-0.49	.	1540	3	1	.	.	.	.	.	.	1544
0.50-0.74	.	717	251	2	.	.	.	.	.	.	970
0.75-0.99	.	28	186	32	.	.	.	.	.	.	246
1.00-1.24	.	1	88	88	.	.	.	.	.	.	177
1.25-1.49	.	.	6	38	2	.	.	.	.	.	46
1.50-1.74	.	.	1	22	4	.	.	.	.	.	27
1.75-1.99	.	.	.	2	7	.	.	.	.	.	9
2.00-2.24	.	.	.	1	6	.	.	.	.	.	7
2.25-2.49	.	.	.	.	5	.	.	.	.	.	5
2.50-2.74	.	.	.	.	4	.	.	.	.	.	4
2.75-2.99	.	.	.	.	.	1	.	.	.	.	0
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	1
TOTAL	0	5423	535	186	28	2	0	0	0	0	5781.

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.7 MEAN TP(SEC)= 3.2 NO. OF CASES= 5781.

STATION 026 43.75N 77.45W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0 3.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4977	3	.	.	.	.	.	.	.	4980
0.25-0.49	.	2768	63	5	.	.	.	.	.	.	2836
0.50-0.74	.	1352	537	58	2	.	.	.	.	.	1949
0.75-0.99	.	84	433	88	1	.	.	.	.	.	606
1.00-1.24	.	5	208	164	9	.	.	.	.	.	386
1.25-1.49	.	.	14	120	10	2	.	.	.	.	146
1.50-1.74	.	.	.	79	18	.	.	.	.	.	97
1.75-1.99	.	.	.	21	14	.	.	.	.	.	35
2.00-2.24	.	.	.	7	25	1	.	.	.	.	33
2.25-2.49	.	.	.	.	13	.	.	.	.	.	13
2.50-2.74	.	.	.	.	6	1	.	.	.	.	7
2.75-2.99	.	.	.	.	.	6	.	.	.	.	6
3.00-3.24	.	.	.	.	1	4	.	.	.	.	5
3.25-3.49	.	.	.	.	.	2	.	.	.	.	2
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	9186	1258	542	99	16	0	0	0	0	10395.

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 3.2 NO. OF CASES= 10395.

STATION 026 43.75N 77.45W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0 3.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	7058	17	.	.	.	.	.	.	.	7075
0.25-0.49	.	4843	797	26	.	.	.	.	.	.	5666
0.50-0.74	.	1496	2550	1176	9	.	.	.	.	.	5231
0.75-0.99	.	158	635	1171	84	.	.	.	.	.	2048
1.00-1.24	.	.	406	882	454	1	.	.	.	.	1748
1.25-1.49	.	5	37	328	317	22	.	.	.	.	704
1.50-1.74	.	.	1	227	346	96	.	.	.	.	670
1.75-1.99	.	.	.	89	134	104	.	.	.	.	327
2.00-2.24	.	.	.	12	205	144	8	.	.	.	369
2.25-2.49	.	.	.	.	83	39	22	.	.	.	144
2.50-2.74	.	.	.	.	74	65	36	.	.	.	175
2.75-2.99	.	.	.	.	10	74	19	.	.	.	103
3.00-3.24	.	.	.	.	1	79	23	.	.	.	103
3.25-3.49	.	.	.	.	.	24	34	1	.	.	59
3.50+	.	.	.	.	.	6	158	7	.	.	171
TOTAL	0	13560	4443	3911	1717	654	300	8	0	0	23017.

MEAN HS(M) = 0.6 LARGEST HS(M)= 6.0 MEAN TP(SEC)= 3.9 NO. OF CASES= 23017.

STATION 026 43.75N 77.45W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	3898	8	.	.	.	.	.	.	.	3906
0.25-0.49	.	2588	282	11	.	.	.	.	.	.	2881
0.50-0.74	.	900	1191	449	2	.	.	.	.	.	2542
0.75-0.99	.	84	399	620	31	.	.	.	.	.	1134
1.00-1.24	.	1	266	641	302	1	.	.	.	.	1211
1.25-1.49	.	.	19	168	251	6	.	.	.	.	444
1.50-1.74	.	.	.	157	306	24	.	.	.	.	487
1.75-1.99	.	.	.	33	103	81	.	.	.	.	217
2.00-2.24	.	.	.	4	126	125	6	.	.	.	261
2.25-2.49	.	.	.	.	57	16	18	.	.	.	91
2.50-2.74	.	.	.	.	42	68	14	.	.	.	124
2.75-2.99	.	.	.	.	1	59	4	.	.	.	64
3.00-3.24	.	.	.	.	.	77	14	.	.	.	91
3.25-3.49	.	.	.	.	.	17	44	.	.	.	61
3.50+	.	.	.	.	.	2	163	3	.	.	168
TOTAL	0	7471	2165	2083	1221	476	263	3	0	0	

MEAN HS(M) = 0.7 LARGEST HS(M)= 5.9 MEAN TP(SEC)= 4.0 NO. OF CASES= 12812.

STATION 026 43.75N 77.45W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1830	4	.	.	.	.	.	.	.	1834
0.25-0.49	.	1403	53	2	.	.	.	.	.	.	1458
0.50-0.74	.	656	472	21	.	.	.	.	.	.	1149
0.75-0.99	.	49	408	43	.	.	.	.	.	.	502
1.00-1.24	.	.	475	144	22	.	.	.	.	.	641
1.25-1.49	.	.	9	132	27	1	.	.	.	.	189
1.50-1.74	.	.	.	114	35	4	.	.	.	.	153
1.75-1.99	.	.	.	38	73	4	.	.	.	.	65
2.00-2.24	.	.	.	4	73	9	1	.	.	.	89
2.25-2.49	.	.	.	.	18	2	.	.	.	.	20
2.50-2.74	.	.	.	.	10	7	.	.	.	.	17
2.75-2.99	.	.	.	.	4	4	.	.	.	.	8
3.00-3.24	.	.	.	.	1	6	2	.	.	.	9
3.25-3.49	.	.	.	.	.	.	1	.	.	.	1
3.50+	.	.	.	.	.	.	4	.	.	.	4
TOTAL	0	3938	1421	520	215	37	8	0	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 5.5 MEAN TP(SEC)= 3.5 NO. OF CASES= 5756.

STATION 026 43.75N 77.45W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1659	2	.	.	.	.	.	.	.	1661
0.25-0.49	.	703	17	2	.	.	.	.	.	.	722
0.50-0.74	.	423	202	2	.	.	.	.	.	.	627
0.75-0.99	.	36	190	2	.	.	.	.	.	.	228
1.00-1.24	.	.	198	17	.	.	.	.	.	.	216
1.25-1.49	.	.	5	68	.	.	.	.	.	.	73
1.50-1.74	.	.	.	35	.	.	.	.	.	.	35
1.75-1.99	.	.	.	16	8	.	.	.	.	.	24
2.00-2.24	.	.	.	1	23	.	.	.	.	.	24
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	4	.	.	.	.	.	4
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2821	615	143	37	0	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.3 NO. OF CASES= 3388.

STATION 026 43.75N 77.45W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1441	4	.	.	.	.	.	.	.	1445
0.25-0.49	.	630	10	1	.	.	.	.	.	.	641
0.50-0.74	.	425	60	.	.	.	.	.	.	.	485
0.75-0.99	.	41	69	2	1	.	.	.	.	.	113
1.00-1.24	.	.	69	7	.	.	.	.	.	.	76
1.25-1.49	.	.	7	10	.	.	.	.	.	.	17
1.50-1.74	.	.	.	3	.	.	.	.	.	.	3
1.75-1.99	.	.	.	2	.	.	.	.	.	.	2
2.00-2.24	.	.	.	.	3	.	.	.	.	.	3
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2537	219	25	4	0	0	0	0	0	

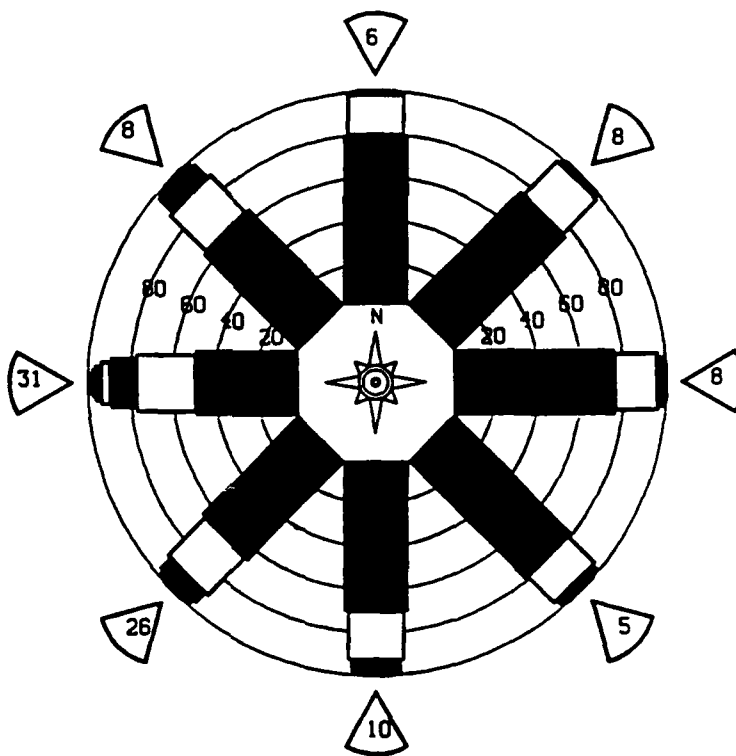
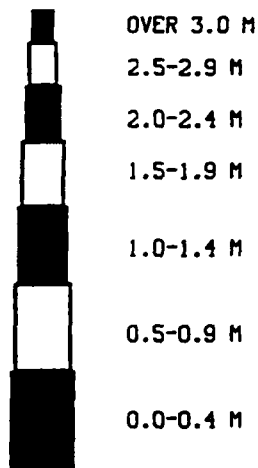
MEAN HS(M) = 0.3 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 3.1 NO. OF CASES= 2612.

STATION 026 43.75N 77.45W FOR ALL DIRECTIONS  
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	4081	4	.	.	.	.	.	.	.	4085
0.25-0.49	.	2113	141	5	.	.	.	.	.	.	2259
0.50-0.74	.	979	666	181	1	.	.	.	.	.	1827
0.75-0.99	.	84	298	232	12	.	.	.	.	.	626
1.00-1.24	.	2	207	242	82	.	.	.	.	.	533
1.25-1.49	.	.	15	103	65	3	.	.	.	.	186
1.50-1.74	.	.	1	73	75	12	.	.	.	.	161
1.75-1.99	.	.	.	22	32	19	.	.	.	.	73
2.00-2.24	.	.	.	3	50	28	1	.	.	.	82
2.25-2.49	.	.	.	.	19	5	4	.	.	.	28
2.50-2.74	.	.	.	.	15	14	5	.	.	.	34
2.75-2.99	.	.	.	.	1	14	2	.	.	.	17
3.00-3.24	.	.	.	.	.	16	4	.	.	.	20
3.25-3.49	.	.	.	.	.	4	8	.	.	.	12
3.50+	.	.	.	.	.	.	32	1	0	0	33
TOTAL	0	7259	1332	861	352	115	56	1	0	0	

MEAN HS(M)= 0.5 LARGEST HS(M)= 6.0 MEAN TP(SEC)= 3.5 TOTAL CASES= 93504.

STATION 26  
43.75N, 77.45 W  
93504 CASES





MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 026 (43.75N 77.45W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.5	0.5	0.5	0.4	0.3	0	0.3	0.3	0.3	0.5	0.4	0.0
1957	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.4	0.4	0.7	0.7	0.0
1958	0.5	0.8	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.8	0.8	0.0
1959	0.7	0.6	0.7	0.3	0.3	0.4	0.4	0.3	0.3	0.4	0.6	0.5	0.0
1960	0.6	0.7	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.4	0.6	0.6	0.0
1961	0.5	0.5	0.6	0.6	0.5	0.3	0.3	0.3	0.3	0.4	0.6	0.6	0.0
1962	0.9	0.5	0.4	0.6	0.6	0.3	0.3	0.3	0.5	0.4	0.6	0.6	0.0
1963	0.7	0.8	0.7	0.7	0.6	0.3	0.4	0.4	0.3	0.4	0.5	0.5	0.0
1964	0.9	0.6	0.6	0.6	0.7	0.3	0.3	0.4	0.3	0.4	0.5	0.5	0.0
1965	0.8	0.8	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.6	0.5	0.0
1966	0.7	0.5	0.6	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.6	0.5	0.0
1967	0.6	0.8	0.6	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.7	0.7	0.0
1968	0.8	1.2	0.6	0.6	0.6	0.4	0.3	0.3	0.3	0.3	0.9	0.9	0.0
1969	0.8	0.7	0.6	0.6	0.4	0.3	0.3	0.3	0.3	0.3	0.6	0.6	0.0
1970	0.8	0.7	0.6	0.6	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.5	0.0
1971	0.9	1.0	0.6	0.5	0.3	0.2	0.3	0.3	0.3	0.3	0.7	0.7	0.0
1972	0.9	0.7	0.6	0.6	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.5	0.0
1973	0.9	0.4	0.6	0.6	0.4	0.3	0.3	0.3	0.3	0.3	0.6	0.6	0.0
1974	0.7	0.6	0.6	0.6	0.5	0.3	0.3	0.3	0.3	0.3	0.6	0.6	0.0
1975	0.8	0.8	0.7	0.6	0.5	0.3	0.3	0.3	0.3	0.3	0.6	0.6	0.0
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	0.5	0.3	0.3	0.4	0.3	0.3	0.2	0.2	0.1	0.2	0.4	0.5	0.0
MEAN	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 026 (43.75N 77.45W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.0	3.3	4.1	2.2	2.6	1.9	1.3	1.3	1.7	1.9	2.0	1.7	
1957	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1958	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1959	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1960	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1961	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1962	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1963	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1964	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1965	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1966	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1967	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1968	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1969	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1970	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1971	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1972	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1973	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1974	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1975	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1976	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1977	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1978	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1979	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1980	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1981	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1982	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1983	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1984	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1985	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1986	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
1987	2.2	1.4	2.2	1.7	1.9	1.8	0.7	0.6	1.1	1.2	1.8	2.3	

32 YR. STATISTICS FOR WIS STATION 026

MEAN SIGNIFICANT WAVE HEIGHT	(METERS)	0.5
MEAN PEAK WAVE PERIOD	(SECONDS)	3.5
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND	(DEGREES)	247.5
STANDARD DEVIATION OF WAVE HS	(METERS)	0.5
STANDARD DEVIATION OF WAVE TP	(SECONDS)	1.0
LARGEST WAVE HS	(METERS)	6.0
WAVE TP ASSOCIATED WITH LARGEST WAVE HS	(SECONDS)	10.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS	(DEGREES)	254.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		75022615

STATION 027 43.90N 77.65W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2282	3	.	.	.	.	.	.	.	2285
0.25-0.49	.	1083	.	.	.	.	.	.	.	.	1083
0.50-0.74	.	691	.	.	.	.	.	.	.	.	691
0.75-0.99	.	51	2	.	.	.	.	.	.	.	53
1.00-1.24	.	.	62	.	.	.	.	.	.	.	62
1.25-1.49	.	.	7	.	.	.	.	.	.	.	7
1.50-1.74	.	.	1	2	.	.	.	.	.	.	3
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4107	75	2	0	0	0	0	0	0	
MEAN HS(M) = 0.3    LARGEST HS(M)= 1.6    MEAN TP(SEC)= 3.0    NO. OF CASES= 3915.											

STATION 027 43.90N 77.65W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1869	1	.	.	.	.	.	.	.	1870
0.25-0.49	.	850	.	.	.	.	.	.	.	.	850
0.50-0.74	.	693	.	.	.	.	.	.	.	.	693
0.75-0.99	.	86	24	.	.	.	.	.	.	.	110
1.00-1.24	.	.	44	.	.	.	.	.	.	.	44
1.25-1.49	.	.	19	1	.	.	.	.	.	.	20
1.50-1.74	.	.	1	9	.	.	.	.	.	.	10
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3498	89	10	0	0	0	0	0	0	
MEAN HS(M) = 0.3    LARGEST HS(M)= 1.7    MEAN TP(SEC)= 3.0    NO. OF CASES= 3367.											

STATION 027 43.90N 77.65W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)	PEAK PERIOD (SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3222	8	.	.	.	.	.	.	.	3230
0.25-0.49	.	1082	3	.	.	.	.	.	.	.	1085
0.50-0.74	.	948	.	.	1	.	.	.	.	.	949
0.75-0.99	.	113	34	.	.	.	.	.	.	.	147
1.00-1.24	.	.	41	.	.	.	.	.	.	.	41
1.25-1.49	.	.	25	6	.	.	.	.	.	.	31
1.50-1.74	.	.	.	18	.	.	.	.	.	.	18
1.75-1.99	.	.	.	6	.	.	.	.	.	.	6
2.00-2.24	.	.	.	1	.	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5365	111	31	1	0	0	0	0	0	
MEAN HS(M) = 0.3    LARGEST HS(M)= 2.0    MEAN TP(SEC)= 3.0    NO. OF CASES= 5155.											

STATION 027 43.90N 77.65W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2329	5	2	.	.	.	.	.	.	2336
0.25-0.49	.	1229	5	4	.	.	.	.	.	.	1238
0.50-0.74	.	807	.	2	2	.	.	.	.	.	811
0.75-0.99	.	67	17	.	3	.	.	.	.	.	87
1.00-1.24	.	.	41	.	2	.	.	.	.	.	43
1.25-1.49	.	.	8	2	.	.	.	.	.	.	10
1.50-1.74	.	.	.	2	.	.	.	.	.	.	2
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4432	76	12	7	0	0	0	0	0	
MEAN HS(M) = 0.3	LARGEST HS(M)=		1.6		MEAN TP(SEC)=		3.0		NO. OF CASES=		4238.

STATION 027 43.90N 77.65W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2329	5	1	.	.	.	.	.	.	2335
0.25-0.49	.	1133	22	4	.	.	.	.	.	.	1159
0.50-0.74	.	556	11	20	.	.	.	.	.	.	587
0.75-0.99	.	23	.	4	6	.	.	.	.	.	33
1.00-1.24	.	1	8	.	2	.	.	.	.	.	11
1.25-1.49	.	.	.	.	.	1	.	.	.	.	1
1.50-1.74	.	.	.	.	.	.	.	.	.	.	0
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4042	46	29	8	1	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.4 MEAN TP(SEC)= 3.0 NO. OF CASES= 3863.

STATION 027 43.90N 77.65W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1148	5	1	.	.	.	.	.	.	1153
0.25-0.49	.	335	9	1	.	.	.	.	.	.	345
0.50-0.74	.	141	17	10	1	.	.	.	.	.	169
0.75-0.99	.	22	16	11	3	.	.	.	.	.	52
1.00-1.24	.	.	10	5	1	.	.	.	.	.	16
1.25-1.49	.	.	.	1	1	.	.	.	.	.	2
1.50-1.74	.	.	.	2	.	.	.	.	.	.	2
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1646	57	31	6	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.1 NO. OF CASES= 1633.

STATION 027 43.90N 77.65W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1188	1	.	.	.	.	.	.	.	1189
0.25-0.49	.	321	35	3	.	.	.	.	.	.	359
0.50-0.74	.	144	25	18	.	.	.	.	.	.	187
0.75-0.99	.	20	18	7	2	.	.	.	.	.	47
1.00-1.24	.	.	13	6	4	.	.	.	.	.	23
1.25-1.49	.	.	2	2	1	.	.	.	.	.	3
1.50-1.74	.	.	.	.	.	.	.	.	.	.	0
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1673	94	37	7	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.1 NO. OF CASES= 1699.

STATION 027 43.90N 77.65W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1233	2	.	.	.	.	.	.	.	1235
0.25-0.49	.	715	36	.	.	.	.	.	.	.	751
0.50-0.74	.	328	187	28	.	.	.	.	.	.	543
0.75-0.99	.	31	87	33	.	.	.	.	.	.	171
1.00-1.24	.	1	64	64	1	.	.	.	.	.	130
1.25-1.49	.	.	3	35	7	.	.	.	.	.	45
1.50-1.74	.	.	.	21	4	.	.	.	.	.	25
1.75-1.99	.	.	.	1	7	1	.	.	.	.	9
2.00-2.24	.	.	.	.	18	.	.	.	.	.	19
2.25-2.49	.	.	.	.	6	.	.	.	.	.	6
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2308	379	203	44	1	0	0	0	0	0

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.3 NO. OF CASES= 2751.

STATION 027 43.90N 77.65W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2354	1	.	.	.	.	.	.	.	2355
0.25-0.49	.	1117	8	.	.	.	.	.	.	.	1125
0.50-0.74	.	548	255	13	.	.	.	.	.	.	816
0.75-0.99	.	50	150	62	.	.	.	.	.	.	262
1.00-1.24	.	1	98	97	2	.	.	.	.	.	198
1.25-1.49	.	.	8	47	6	.	.	.	.	.	61
1.50-1.74	.	.	1	48	12	.	.	.	.	.	61
1.75-1.99	.	.	.	12	4	.	.	.	.	.	16
2.00-2.24	.	.	.	1	10	.	.	.	.	.	11
2.25-2.49	.	.	.	.	4	.	.	.	.	.	4
2.50-2.74	.	.	.	.	3	.	.	.	.	.	3
2.75-2.99	.	.	.	.	.	1	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	1
3.50+	.	.	.	.	.	.	.	.	.	.	1
TOTAL	0	4070	521	280	41	2	0	0	0	0	4605

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.7 MEAN TP(SEC)= 3.2 NO. OF CASES= 4605.

STATION 027 43.90N 77.65W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	3295	2	.	.	.	.	.	.	.	3297
0.25-0.49	.	2038	3	2	.	.	.	.	.	.	2043
0.50-0.74	.	829	312	9	.	.	.	.	.	.	1150
0.75-0.99	.	39	201	36	.	.	.	.	.	.	296
1.00-1.24	.	1	98	91	1	.	.	.	.	.	190
1.25-1.49	.	.	7	63	1	.	.	.	.	.	71
1.50-1.74	.	.	.	39	4	.	.	.	.	.	43
1.75-1.99	.	.	.	7	4	.	.	.	.	.	11
2.00-2.24	.	.	.	4	9	.	.	.	.	.	13
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	2	.	.	.	.	.	5
2.75-2.99	.	.	.	.	2	.	.	.	.	.	2
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	1
TOTAL	0	6202	623	271	27	2	0	0	0	0	6671

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 3.2 NO. OF CASES= 6671.

STATION 027 43.90N 77.65W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	7584	28	4	.	.	.	.	.	.	7616
0.25-0.49	.	4652	832	65	2	.	.	.	.	.	5551
0.50-0.74	.	1851	1225	602	12	.	.	.	.	.	3690
0.75-0.99	.	168	573	362	67	.	.	.	.	.	1170
1.00-1.24	.	9	340	341	116	2	.	.	.	.	808
1.25-1.49	.	.	33	172	52	8	.	.	.	.	265
1.50-1.74	.	.	3	144	63	19	1	.	.	.	230
1.75-1.99	.	.	.	28	49	8	3	.	.	.	88
2.00-2.24	.	.	.	5	66	6	.	.	.	.	77
2.25-2.49	.	.	.	.	31	2	1	.	.	.	34
2.50-2.74	.	.	.	.	25	8	1	.	.	.	32
2.75-2.99	.	.	.	.	2	10	.	.	.	.	12
3.00-3.24	.	.	.	.	.	14	.	.	.	.	14
3.25-3.49	.	.	.	.	.	13	2	.	.	.	15
3.50+	.	.	.	.	.	5	9	.	.	.	14
TOTAL	0	14264	3034	1723	485	93	17	0	0	0	18359

MEAN HS(M) = 0.4 LARGEST HS(M)= 5.2 MEAN TP(SEC)= 3.4 NO. OF CASES= 18359.

STATION 027 43.90N 77.65W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	5429	416	58	.	.	.	.	.	.	5903
0.25-0.49	.	2465	1071	463	4	.	.	.	.	.	4003
0.50-0.74	.	1575	929	1119	133	.	.	.	.	.	3746
0.75-0.99	.	179	746	441	259	5	.	.	.	.	1630
1.00-1.24	.	5	882	421	346	33	.	.	.	.	1637
1.25-1.49	.	.	105	326	171	55	.	.	.	.	657
1.50-1.74	.	.	4	349	188	140	.	.	.	.	684
1.75-1.99	.	.	.	127	110	108	13	.	.	.	358
2.00-2.24	.	.	.	58	196	110	27	.	.	.	391
2.25-2.49	.	.	.	3	143	29	24	.	.	.	199
2.50-2.74	.	.	.	.	96	64	48	.	.	.	208
2.75-2.99	.	.	.	.	8	59	40	.	.	.	123
3.00-3.24	.	.	.	.	2	74	31	.	.	.	113
3.25-3.49	.	.	.	.	.	26	13	.	.	.	41
3.50+	.	.	.	.	.	22	118	.	.	.	145
TOTAL	0	9653	4153	3365	1680	725	317	5	0	0	18630

MEAN HS(M) = 0.7 LARGEST HS(M)= 5.9 MEAN TP(SEC)= 4.0 NO. OF CASES= 18630.

STATION 027 43.90N 77.65W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1686	9	4	1	.	.	.	.	.	1700
0.25-0.49	.	1558	4	9	.	.	.	.	.	.	1571
0.50-0.74	.	1415	312	8	14	.	.	.	.	.	1749
0.75-0.99	.	257	505	12	12	2	.	.	.	.	788
1.00-1.24	.	6	693	97	11	9	.	.	.	.	816
1.25-1.49	.	.	49	229	.	11	.	.	.	.	294
1.50-1.74	.	.	4	296	.	16	1	.	.	.	324
1.75-1.99	.	.	.	94	.	11	2	.	.	.	117
2.00-2.24	.	.	.	31	1	2	9	.	.	.	156
2.25-2.49	.	.	.	.	60	1	3	.	.	.	64
2.50-2.74	.	.	.	2	40	1	5	.	.	.	48
2.75-2.99	.	.	.	.	18	1	.	.	.	.	19
3.00-3.24	.	.	.	.	3	6	1	.	.	.	10
3.25-3.49	.	.	.	.	.	4	.	.	.	.	4
3.50+	.	.	.	.	.	.	.	.	.	.	4
TOTAL	0	4922	1576	782	295	67	22	0	0	0	7186

MEAN HS(M) = 0.7 LARGEST HS(M)= 4.2 MEAN TP(SEC)= 3.6 NO. OF CASES= 7186.

STATION 027 43.90N 77.65W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1143	1	.	.	.	.	.	.	.	1143
0.25-0.49	.	1204	.	.	.	.	.	.	.	.	1205
0.50-0.74	.	1419	43	.	.	.	.	.	.	.	1462
0.75-0.99	.	272	144	2	.	.	.	.	.	.	418
1.00-1.24	.	2	233	20	.	.	.	.	.	.	255
1.25-1.49	.	.	69	45	.	.	.	.	.	.	114
1.50-1.74	.	.	9	86	.	.	.	.	.	.	95
1.75-1.99	.	.	.	27	.	.	.	.	.	.	29
2.00-2.24	.	.	.	1	13	.	.	.	.	.	14
2.25-2.49	.	.	.	.	5	.	.	.	.	.	6
2.50-2.74	.	.	.	.	4	.	.	.	.	.	4
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4040	499	182	24	0	0	0	0	0	4445

MEAN HS(M) = 0.5 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.2 NO. OF CASES= 4445.

STATION 027 43.90N 77.65W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1659	3	.	.	.	.	.	.	.	1662
0.25-0.49	.	845	.	.	.	.	.	.	.	.	845
0.50-0.74	.	857	1	.	.	.	.	.	.	.	858
0.75-0.99	.	143	40	.	.	.	.	.	.	.	183
1.00-1.24	.	2	71	.	.	.	.	.	.	.	73
1.25-1.49	.	.	52	12	.	.	.	.	.	.	64
1.50-1.74	.	.	1	34	.	.	.	.	.	.	35
1.75-1.99	.	.	.	10	.	.	.	.	.	.	10
2.00-2.24	.	.	.	4	.	.	.	.	.	.	4
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3506	168	60	0	0	0	0	0	0	3498

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.1 NO. OF CASES= 3498.

STATION 027 43.90N 77.65W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1774	1	1	.	.	.	.	.	.	1775
0.25-0.49	.	926	.	.	.	.	.	.	.	.	927
0.50-0.74	.	794	.	.	.	.	.	.	.	.	794
0.75-0.99	.	110	27	.	.	.	.	.	.	.	137
1.00-1.24	.	.	64	5	.	.	.	.	.	.	69
1.25-1.49	.	.	12	11	.	.	.	.	.	.	23
1.50-1.74	.	.	.	2	.	.	.	.	.	.	2
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3604	104	19	0	0	0	0	0	0	3489

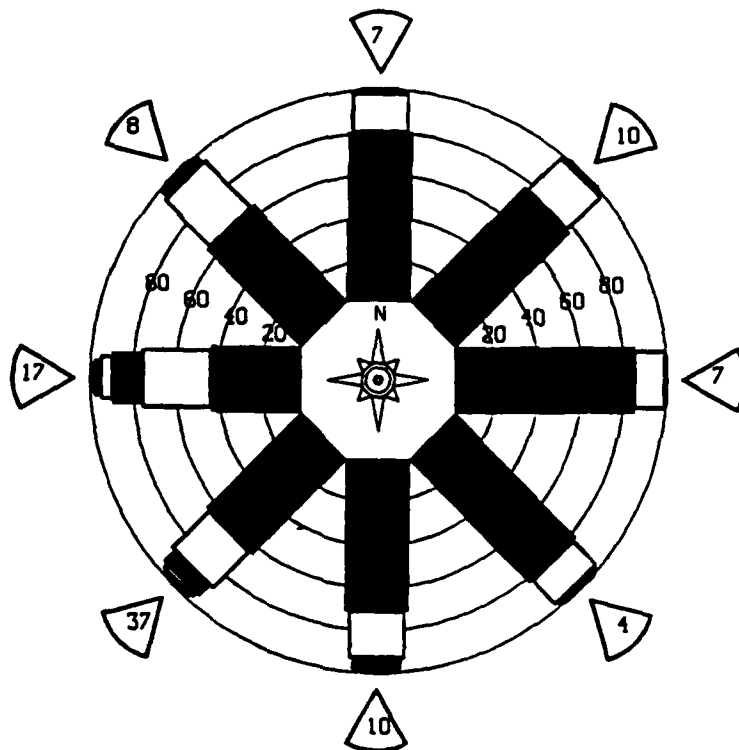
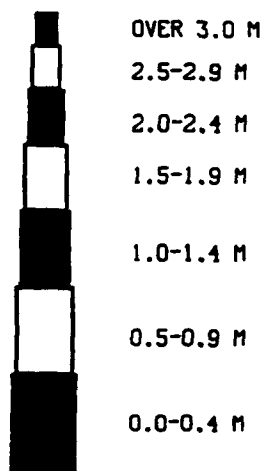
MEAN HS(M) = 0.3 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.0 NO. OF CASES= 3489.

STATION 027 43.90N 77.65W FOR ALL DIRECTIONS  
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	4053	49	7	.	.	.	.	.	.	4109
0.25-0.49	.	2156	203	55	.	.	.	.	.	.	2414
0.50-0.74	.	1360	332	183	16	.	.	.	.	.	1891
0.75-0.99	.	163	259	101	35	.	.	.	.	.	558
1.00-1.24	.	2	276	114	48	4	.	.	.	.	444
1.25-1.49	.	.	40	94	24	7	.	.	.	.	165
1.50-1.74	.	.	2	106	28	17	.	.	.	.	153
1.75-1.99	.	.	.	31	18	12	1	.	.	.	62
2.00-2.24	.	.	.	10	42	11	3	.	.	.	66
2.25-2.49	.	.	.	.	25	3	2	.	.	.	30
2.50-2.74	.	.	.	.	17	7	5	.	.	.	29
2.75-2.99	.	.	.	.	4	7	4	.	.	.	15
3.00-3.24	.	.	.	.	1	9	3	.	.	.	13
3.25-3.49	.	.	.	.	.	4	1	.	.	.	5
3.50+	.	.	.	.	.	3	12	.	.	.	15
TOTAL	0	7734	1161	701	258	84	31	0	0	0	

MEAN HS(M)= 0.4 LARGEST HS(M)= 5.9 MEAN TP(SEC)= 3.4 TOTAL CASES= 93504.

STATION 27  
43.90N, 77.65 W  
93504 CASES



MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 027 (43.90N 77.65W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1957	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1958	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1959	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1960	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1961	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1962	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1963	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1964	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1965	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1966	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1967	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1968	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1969	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1970	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1971	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1972	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1973	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1974	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1975	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1976	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1977	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1978	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1979	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1980	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1981	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1982	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1983	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1984	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1985	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1986	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
1987	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
MEAN	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.5	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 027 (43.90N 77.65W)

YEAR	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1957	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1958	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1959	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1960	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1961	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1962	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1963	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1964	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1965	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1966	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1967	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1968	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1969	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1970	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1971	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1972	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1973	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1974	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1975	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1976	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1977	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1978	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1979	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1980	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1981	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1982	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1983	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1984	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1985	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1986	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1987	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5

32 YR. STATISTICS FOR WIS STATION 027

MEAN SIGNIFICANT WAVE HEIGHT	(METERS)	0.4
MEAN PEAK WAVE PERIOD	(SECONDS)	3.4
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND	(DEGREES)	247.5
STANDARD DEVIATION OF WAVE HS	(METERS)	0.5
STANDARD DEVIATION OF WAVE TP	(SECONDS)	0.9
LARGEST WAVE HS	(METERS)	5.9
WAVE TP ASSOCIATED WITH LARGEST WAVE HS	(SECONDS)	10.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS	(DEGREES)	241.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		71022812

STATION 028 43.90N 77.85W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2383	6	.	.	.	.	.	.	.	2389
0.25-0.49	.	1029	.	.	.	.	.	.	.	.	1029
0.50-0.74	.	613	.	.	.	.	.	.	.	.	614
0.75-0.99	.	39	1	.	.	.	.	.	.	.	41
1.00-1.24	.	1	45	.	.	.	.	.	.	.	46
1.25-1.49	.	.	7	.	.	.	.	.	.	.	7
1.50-1.74	.	.	.	1	.	.	.	.	.	.	1
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4065	61	1	0	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.0 NO. OF CASES= 3864.

STATION 028 43.90N 77.85W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1824	.	.	.	.	.	.	.	.	1824
0.25-0.49	.	749	1	.	.	.	.	.	.	.	750
0.50-0.74	.	572	.	.	.	.	.	.	.	.	572
0.75-0.99	.	67	16	.	.	.	.	.	.	.	83
1.00-1.24	.	.	36	1	.	.	.	.	.	.	37
1.25-1.49	.	.	10	2	.	.	.	.	.	.	12
1.50-1.74	.	.	.	5	.	.	.	.	.	.	5
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3212	63	8	0	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.0 NO. OF CASES= 3073.

STATION 028 43.90N 77.85W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	3112	2	1	.	.	.	.	.	.	3115
0.25-0.49	.	1050	6	.	.	.	.	.	.	.	1056
0.50-0.74	.	863	.	.	1	.	.	.	.	.	864
0.75-0.99	.	103	38	.	.	.	.	.	.	.	141
1.00-1.24	.	.	33	4	.	.	.	.	.	.	37
1.25-1.49	.	.	23	16	.	.	.	.	.	.	39
1.50-1.74	.	.	.	3	.	.	.	.	.	.	16
1.75-1.99	.	.	.	.	.	.	.	.	.	.	3
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5128	102	24	1	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.0 NO. OF CASES= 4917.

STATION 028 43.90N 77.85W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2474	4	2	.	.	.	.	.	.	2480
0.25-0.49	.	1045	12	3	.	.	.	.	.	.	1060
0.50-0.74	.	885	4	1	1	.	.	.	.	.	891
0.75-0.99	.	81	80	1	1	.	.	.	.	.	163
1.00-1.24	.	.	67	2	.	.	.	.	.	.	69
1.25-1.49	.	.	11	6	.	.	.	.	.	.	17
1.50-1.74	.	.	.	10	.	.	.	.	.	.	10
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4485	178	23	4	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.1 NO. OF CASES= 4392.



STATION 028 43.90N 77.85W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	2624	1	1	.	.	.	.	.	.	2626
0.25-0.49	.	951	35	4	.	.	.	.	.	.	990
0.50-0.74	.	651	10	18	.	.	.	.	.	.	679
0.75-0.99	.	98	100	4	.	.	.	.	.	.	202
1.00-1.24	.	.	49	1	4	.	.	.	.	.	54
1.25-1.49	.	.	1	3	2	.	.	.	.	.	6
1.50-1.74	.	.	.	5	.	1	.	.	.	.	6
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4324	196	36	6	1	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.1 NO. OF CASES= 4272.

STATION 028 43.90N 77.85W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1372	2	.	.	.	.	.	.	.	1374
0.25-0.49	.	343	9	.	.	.	.	.	.	.	352
0.50-0.74	.	159	39	11	.	.	.	.	.	.	209
0.75-0.99	.	31	40	8	1	.	.	.	.	.	80
1.00-1.24	.	.	25	9	2	.	.	.	.	.	36
1.25-1.49	.	.	1	.	2	.	.	.	.	.	3
1.50-1.74	.	.	.	3	2	.	.	.	.	.	5
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1905	116	31	8	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 3.1 NO. OF CASES= 1932.

STATION 028 43.90N 77.85W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1322	2	.	.	.	.	.	.	.	1324
0.25-0.49	.	388	22	.	.	.	.	.	.	.	410
0.50-0.74	.	170	79	17	1	.	.	.	.	.	267
0.75-0.99	.	12	36	26	1	.	.	.	.	.	75
1.00-1.24	.	.	20	16	3	.	.	.	.	.	39
1.25-1.49	.	.	1	16	2	1	.	.	.	.	10
1.50-1.74	.	.	.	3	1	.	.	.	.	.	4
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1892	160	68	8	1	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.2 NO. OF CASES= 1996.

STATION 028 43.90N 77.85W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1451	2	.	.	.	.	.	.	.	1453
0.25-0.49	.	782	11	.	.	.	.	.	.	.	793
0.50-0.74	.	365	207	1	.	.	.	.	.	.	590
0.75-0.99	.	19	103	1	.	.	.	.	.	.	122
1.00-1.24	.	.	64	.	.	.	.	.	.	.	147
1.25-1.49	.	.	3	.	.	.	.	.	.	.	44
1.50-1.74	.	.	.	.	.	.	.	.	.	.	31
1.75-1.99	.	.	.	.	.	.	.	.	.	.	12
2.00-2.24	.	.	.	.	2	1	.	.	.	.	22
2.25-2.49	.	.	.	.	.	.	.	.	.	.	3
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2617	390	225	46	1	0	0	0	0	0

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.3 NO. OF CASES= 3075.

STATION 028 43.90N 77.85W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	2620	2	.	.	.	.	.	.	.	2622
0.25-0.49	.	1059	7	2	.	.	.	.	.	.	1068
0.50-0.74	.	536	240	10	.	.	.	.	.	.	786
0.75-0.99	.	40	143	54	.	.	.	.	.	.	237
1.00-1.24	.	.	82	82	.	.	.	.	.	.	164
1.25-1.49	.	.	4	52	.	.	.	.	.	.	56
1.50-1.74	.	.	.	35	14	.	.	.	.	.	49
1.75-1.99	.	.	.	4	8	.	.	.	.	.	12
2.00-2.24	.	.	.	1	11	.	.	.	.	.	12
2.25-2.49	.	.	.	.	6	.	.	.	.	.	6
2.50-2.74	.	.	.	.	4	.	.	.	.	.	4
2.75-2.99	.	.	.	.	.	1	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	1
TOTAL	0	4255	478	240	47	2	0	0	0	0	4706

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 3.2 NO. OF CASES= 4706.

STATION 028 43.90N 77.85W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	3589	.	.	.	.	.	.	.	.	3589
0.25-0.49	.	1851	13	2	.	.	.	.	.	.	1866
0.50-0.74	.	761	303	12	.	.	.	.	.	.	1076
0.75-0.99	.	38	202	45	.	.	.	.	.	.	289
1.00-1.24	.	.	100	103	.	.	.	.	.	.	203
1.25-1.49	.	.	5	60	.	.	.	.	.	.	65
1.50-1.74	.	.	1	29	2	.	.	.	.	.	32
1.75-1.99	.	.	.	10	8	.	.	.	.	.	19
2.00-2.24	.	.	.	1	6	.	.	.	.	.	7
2.25-2.49	.	.	.	.	3	.	.	.	.	.	3
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	1	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	2
TOTAL	0	6239	624	276	29	3	0	0	0	0	6716

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 3.2 NO. OF CASES= 6716.

STATION 028 43.90N 77.85W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	9368	137	3	.	.	.	.	.	.	9508
0.25-0.49	.	4327	1259	208	.	.	.	.	.	.	5794
0.50-0.74	.	1623	1196	802	56	.	.	.	.	.	3677
0.75-0.99	.	174	590	373	111	1	.	.	.	.	1248
1.00-1.24	.	7	324	386	175	8	.	.	.	.	900
1.25-1.49	.	.	21	176	74	21	.	.	.	.	292
1.50-1.74	.	.	2	165	81	31	3	.	.	.	282
1.75-1.99	.	.	.	31	57	12	2	.	.	.	102
2.00-2.24	.	.	.	7	71	17	6	.	.	.	101
2.25-2.49	.	.	.	.	33	2	9	.	.	.	38
2.50-2.74	.	.	.	.	28	10	1	.	.	.	39
2.75-2.99	.	.	.	.	.	19	2	.	.	.	21
3.00-3.24	.	.	.	.	.	21	.	.	.	.	21
3.25-3.49	.	.	.	.	.	11	3	.	.	.	14
3.50+	.	.	.	.	.	6	14	.	.	.	20
TOTAL	0	15499	3529	2151	686	159	34	0	0	0	20644

MEAN HS(M) = 0.4 LARGEST HS(M)= 5.1 MEAN TP(SEC)= 3.5 NO. OF CASES= 20644.

STATION 028 43.90N 77.85W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	4607	506	71	1	.	.	.	.	.	5185
0.25-0.49	.	1974	679	437	12	.	.	.	.	.	3102
0.50-0.74	.	1925	364	639	142	1	.	.	.	.	3071
0.75-0.99	.	702	519	263	201	6	.	.	.	.	1691
1.00-1.24	.	10	706	341	336	41	.	.	.	.	1434
1.25-1.49	.	.	102	174	177	82	.	.	.	.	535
1.50-1.74	.	.	14	275	162	160	4	.	.	.	615
1.75-1.99	.	.	.	119	87	74	12	.	.	.	292
2.00-2.24	.	.	.	63	116	128	20	.	.	.	327
2.25-2.49	.	.	.	13	65	44	22	.	.	.	144
2.50-2.74	.	.	.	.	51	52	55	.	.	.	158
2.75-2.99	.	.	.	.	9	50	16	.	.	.	75
3.00-3.24	.	.	.	.	5	58	19	.	.	.	82
3.25-3.49	.	.	.	.	.	22	14	.	.	.	36
3.50+	.	.	.	.	.	11	86	.	.	.	101
TOTAL	0	9218	2890	2395	1364	729	248	4	0	0	15781

MEAN HS(M) = 0.7 LARGEST HS(M)= 5.9 MEAN TP(SEC)= 4.0 NO. OF CASES= 15781.

STATION 028 43.90N 77.85W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24	.	1726	7	1	.	.	.	.	.	.	1734
0.25-0.49	.	1365	3	2	.	.	.	.	.	.	1372
0.50-0.74	.	1591	2	3	.	.	.	.	.	.	1602
0.75-0.99	.	443	308	.	.	.	.	.	.	.	758
1.00-1.24	.	1	370	3	8	7	.	.	.	.	389
1.25-1.49	.	.	101	67	4	8	.	.	.	.	180
1.50-1.74	.	.	13	166	.	3	1	.	.	.	183
1.75-1.99	.	.	.	70	.	10	3	.	.	.	83
2.00-2.24	.	.	.	59	6	5	4	.	.	.	74
2.25-2.49	.	.	.	8	11	.	3	.	.	.	15
2.50-2.74	.	.	.	1	.	.	.	.	.	.	15
2.75-2.99	.	.	.	.	2	.	.	.	.	.	4
3.00-3.24	.	.	.	.	.	.	.	.	.	.	2
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5126	805	380	55	34	11	0	0	0	6009

MEAN HS(M) = 0.6 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 3.3 NO. OF CASES= 6009.

STATION 028 43.90N 77.85W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24	.	1342	1	.	.	.	.	.	.	.	1343
0.25-0.49	.	1155	.	.	.	.	.	.	.	.	1155
0.50-0.74	.	1424	.	.	.	.	.	.	.	.	1428
0.75-0.99	.	271	135	1	.	.	.	.	.	.	407
1.00-1.24	.	.	171	.	.	.	.	.	.	.	171
1.25-1.49	.	.	65	26	.	.	.	.	.	.	91
1.50-1.74	.	.	2	77	.	.	.	.	.	.	79
1.75-1.99	.	.	.	20	.	.	.	.	.	.	20
2.00-2.24	.	.	.	6	.	.	.	.	.	.	7
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4192	378	130	3	0	0	0	0	0	4402

MEAN HS(M) = 0.5 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.1 NO. OF CASES= 4402.

STATION 028 43.90N 77.85W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24	.	2174	4	.	.	.	.	.	.	.	2178
0.25-0.49	.	912	.	.	.	.	.	.	.	.	912
0.50-0.74	.	947	.	1	.	.	.	.	.	.	948
0.75-0.99	.	142	55	.	.	.	.	.	.	.	197
1.00-1.24	.	.	73	12	.	.	.	.	.	.	85
1.25-1.49	.	.	45	38	.	.	.	.	.	.	83
1.50-1.74	.	.	.	7	.	.	.	.	.	.	7
1.75-1.99	.	.	.	3	.	.	.	.	.	.	3
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4175	177	61	0	0	0	0	0	0	4132

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.1 NO. OF CASES= 4132.

STATION 028 43.90N 77.85W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24	.	1978	2	1	.	.	.	.	.	.	1982
0.25-0.49	.	899	.	.	.	.	.	.	.	.	899
0.50-0.74	.	752	.	.	.	.	.	.	.	.	752
0.75-0.99	.	106	25	.	.	.	.	.	.	.	131
1.00-1.24	.	.	50	5	.	.	.	.	.	.	55
1.25-1.49	.	.	8	.	.	.	.	.	.	.	13
1.50-1.74	.	.	.	10	.	.	.	.	.	.	10
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3736	85	16	0	0	0	0	0	0	3593

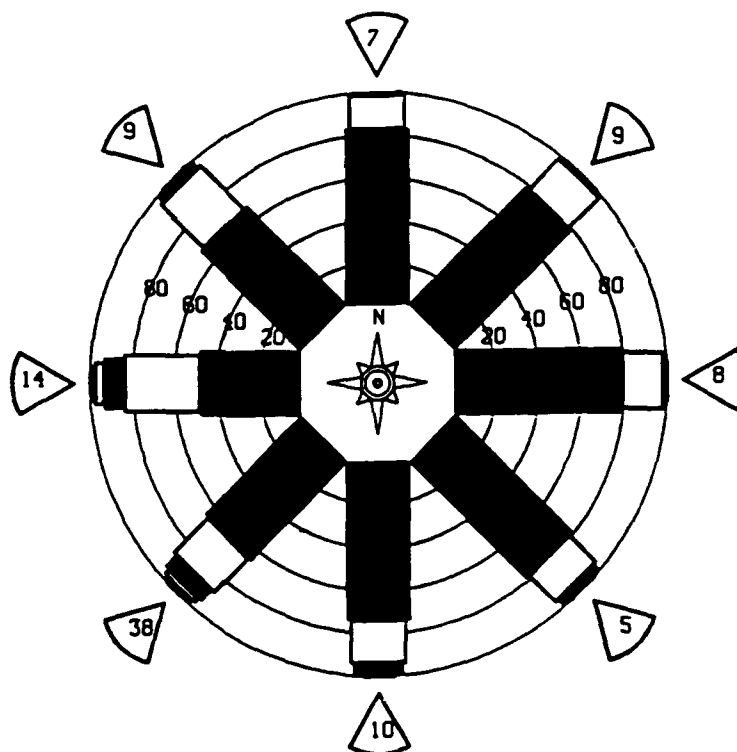
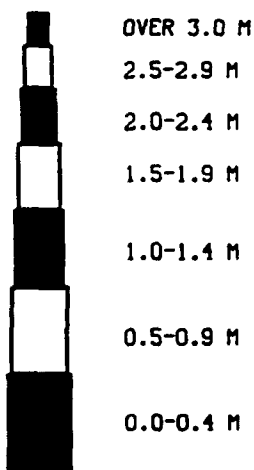
MEAN HS(M) = 0.3 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.0 NO. OF CASES= 3593.

STATION Q28 43.90N 77.85W FOR ALL DIRECTIONS  
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	4397	68	8	.	.	.	.	.	.	4473
0.25-0.49	.	1988	206	65	1	.	.	.	.	.	2260
0.50-0.74	.	1384	245	153	20	.	.	.	.	.	1802
0.75-0.99	.	237	239	85	32	.	.	.	.	.	593
1.00-1.24	.	2	222	102	53	5	.	.	.	.	384
1.25-1.49	.	.	41	63	27	11	.	.	.	.	142
1.50-1.74	.	.	3	87	27	19	.	.	.	.	136
1.75-1.99	.	.	.	27	17	9	1	.	.	.	54
2.00-2.24	.	.	.	14	23	15	3	.	.	.	55
2.25-2.49	.	.	.	2	12	4	2	.	.	.	20
2.50-2.74	.	.	.	.	10	6	5	.	.	.	21
2.75-2.99	.	.	.	.	1	6	1	.	.	.	8
3.00-3.24	.	.	.	.	.	8	1	.	.	.	9
3.25-3.49	.	.	.	.	.	3	1	.	.	.	4
3.50+	.	.	.	.	.	2	1	.	.	.	3
TOTAL	0	8008	1024	606	223	88	24	0	0	0	12

MEAN HS(M)= 0.4 LARGEST HS(M)= 5.9 MEAN TP(SEC)= 3.3 TOTAL CASES= 93504.

STATION 28  
43.90N, 77.85 W  
93504 CASES



**MEAN HS(METERS) BY MONTH AND YEAR**  
**WIS STATION O28 (43.90N 77.85W)**

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1957	0.4	0.3	0.3	0.4	0.3	0.2	0.3	0.3	0.3	0.3	0.7	0.6	0.4
1958	0.4	0.6	0.6	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.7	0.4	0.4
1959	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.6	0.5	0.4
1960	0.5	0.6	0.6	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.6	0.4
1961	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.5	0.4
1962	0.8	0.4	0.3	0.5	0.5	0.2	0.4	0.3	0.3	0.3	0.3	0.5	0.4
1963	0.6	0.6	0.6	0.5	0.5	0.3	0.4	0.3	0.3	0.3	0.6	0.4	0.4
1964	0.7	0.6	0.6	0.5	0.6	0.4	0.3	0.3	0.3	0.4	0.5	0.4	0.5
1965	0.7	0.7	0.7	0.5	0.3	0.3	0.3	0.3	0.3	0.5	0.5	0.4	0.4
1966	0.5	0.4	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.6	0.4	0.5	0.6
1967	0.6	0.7	0.7	0.6	0.5	0.5	0.5	0.4	0.4	0.6	0.7	0.6	0.5
1968	0.5	0.9	0.5	0.6	0.4	0.4	0.4	0.3	0.3	0.4	0.5	0.7	0.5
1969	0.7	0.6	0.7	0.5	0.4	0.4	0.3	0.3	0.3	0.5	0.5	0.5	0.5
1970	0.4	0.6	0.4	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1971	0.6	0.9	0.6	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.4
1972	0.7	0.5	0.5	0.4	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.4
1973	0.7	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.5	0.5	0.4
1974	0.6	0.5	0.6	0.6	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.6	0.4
1975	0.7	0.7	0.7	0.5	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.4
1976	0.6	0.7	0.7	0.5	0.5	0.3	0.3	0.3	0.4	0.5	0.6	0.6	0.5
1977	0.8	0.8	0.7	0.6	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.7	0.5
1978	0.8	0.4	0.5	0.5	0.4	0.4	0.3	0.2	0.3	0.4	0.5	0.7	0.4
1979	0.6	0.5	0.6	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.4
1980	0.6	0.4	0.5	0.4	0.3	0.3	0.3	0.2	0.3	0.4	0.4	0.4	0.4
1981	0.4	0.5	0.4	0.6	0.2	0.2	0.3	0.2	0.3	0.4	0.4	0.4	0.4
1982	0.8	0.5	0.6	0.8	0.2	0.2	0.3	0.3	0.3	0.3	0.5	0.5	0.4
1983	0.5	0.3	0.4	0.4	0.4	0.4	0.2	0.2	0.3	0.4	0.4	0.6	0.4
1984	0.4	0.3	0.4	0.3	0.4	0.2	0.2	0.2	0.3	0.1	0.4	0.5	0.3
1985	0.6	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.4	0.6	0.4
1986	0.6	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.4	0.5	0.4
1987	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.2	0.3	0.4	0.3
MEAN	0.6	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.5	

**LARGEST HS(METERS) BY MONTH AND YEAR**  
**WIS STATION O28 (43.90N 77.85W)**

YEAR	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	1.2	2.2	4.1	2.6	2.2	1.6	1.1	1.2	1.9	2.4	3.5	2.0	
1957	1.2	1.3	1.8	3.2	1.5	3.5	2.0	1.2	2.7	2.2	3.5	2.9	
1958	3.5	2.5	1.4	3.3	1.7	1.9	1.5	1.3	1.7	2.3	4.4	1.5	
1959	4.4	3.0	5.2	2.1	1.3	1.4	1.4	1.2	1.6	1.1	2.3	2.9	
1960	3.2	2.7	1.9	2.2	1.3	1.9	1.5	1.0	1.0	1.1	2.2	3.1	
1961	2.9	2.7	1.9	3.0	2.1	2.5	1.1	1.5	2.2	1.5	1.9	2.6	
1962	3.5	1.9	1.3	2.2	1.5	1.5	1.9	1.6	2.8	2.1	1.4	4.1	
1963	3.2	2.5	3.4	3.1	3.6	2.6	1.6	1.8	1.4	3.3	3.4	3.0	
1964	4.1	4.1	5.1	2.4	5.0	2.4	1.2	1.4	2.2	2.1	3.5	1.7	
1965	2.8	3.1	3.5	2.6	1.9	2.7	0.9	2.1	1.4	2.7	3.1	2.9	
1966	2.8	2.0	2.6	2.1	2.1	1.6	2.7	1.8	1.9	3.5	3.7	2.6	
1967	2.7	2.8	1.4	3.0	2.4	2.1	2.3	2.0	2.2	3.5	3.6	2.7	
1968	2.4	4.5	2.0	3.2	2.2	1.6	1.8	1.8	2.1	1.1	1.8	3.2	
1969	3.1	2.8	3.1	2.3	1.6	2.1	1.9	1.9	2.5	2.1	3.0	3.1	
1970	1.9	2.5	3.7	2.2	1.6	1.7	1.5	1.5	1.6	1.4	2.7	2.7	
1971	4.1	5.6	3.0	1.4	1.8	0.9	1.2	1.3	1.1	1.5	1.8	3.2	
1972	3.5	2.6	2.6	1.6	1.1	1.3	1.0	1.7	2.2	2.6	2.9	2.8	
1973	3.3	1.7	1.8	1.9	1.7	1.5	2.5	2.2	1.1	2.0	2.6	2.3	
1974	3.4	2.6	2.3	3.0	2.1	2.5	1.1	1.8	2.2	2.6	2.7	1.9	
1975	4.1	5.9	2.1	3.4	1.1	2.3	1.5	2.4	2.2	2.6	4.6	2.8	
1976	2.6	3.3	3.2	2.5	2.6	1.6	1.6	1.3	2.2	2.3	2.9	4.3	
1977	3.7	3.6	3.5	4.1	1.7	2.6	4.0	1.8	1.6	1.9	2.5	4.4	
1978	4.7	1.7	2.9	2.2	1.4	1.1	2.0	1.2	1.6	2.1	2.2	3.3	
1979	2.4	3.3	2.2	3.4	1.7	1.2	0.7	1.7	1.5	1.1	3.8	2.5	
1980	3.8	1.9	2.2	3.6	2.0	1.2	1.2	0.8	1.1	2.8	1.7	2.5	
1981	3.3	3.1	3.2	2.7	1.1	1.6	1.0	0.7	1.1	2.9	2.1	2.3	
1982	5.5	3.1	4.4	4.1	1.2	1.0	2.2	1.3	2.8	3.1	2.8	4.0	
1983	3.3	1.6	1.8	1.8	1.9	1.4	1.3	2.0	1.5	4.0	3.0	2.2	
1984	2.9	1.9	2.2	2.0	3.2	1.3	1.1	0.6	0.8	1.3	3.3	3.0	
1985	4.3	2.4	2.8	3.4	1.5	1.6	1.2	0.7	0.9	1.3	3.5	3.8	
1986	3.6	2.2	3.1	2.4	2.8	1.4	0.8	0.8	1.6	1.9	3.1	2.3	
1987	1.9	1.3	1.8	1.5	1.7	1.6	0.6	0.5	0.9	1.0	1.8	1.8	

**32 YR. STATISTICS FOR WIS STATION O28**

MEAN SIGNIFICANT WAVE HEIGHT . . . . . (METERS)	0.4
MEAN PEAK WAVE PERIOD . . . . . (SECONDS)	3.3
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND . . (DEGREES)	225.0
STANDARD DEVIATION OF WAVE HS . . . . . (METERS)	0.4
STANDARD DEVIATION OF WAVE TP . . . . . (SECONDS)	0.8
LARGEST WAVE HS . . . . . (METERS)	5.9
WAVE TP ASSOCIATED WITH LARGEST WAVE HS . . . . . (SECONDS)	10.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS . . (DEGREES)	242.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)	75022612

STATION 029 43.90N 78.05W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2321	5	1	.	.	.	.	.	.	2327
0.25-0.49	.	989	2	.	.	.	.	.	.	.	991
0.50-0.74	.	539	3	.	.	.	.	.	.	.	542
0.75-0.99	.	26	.	.	.	.	.	.	.	.	26
1.00-1.24	.	.	45	1	.	.	.	.	.	.	46
1.25-1.49	.	.	4	.	.	.	.	.	.	.	4
1.50-1.74	.	.	1	.	.	.	.	.	.	.	1
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3875	60	2	0	0	0	0	0	0	3685

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.5 MEAN TP(SEC)= 3.0 NO. OF CASES= 3685.

STATION 029 43.90N 78.05W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1756	4	1	.	.	.	.	.	.	1761
0.25-0.49	.	717	2	1	.	.	.	.	.	.	720
0.50-0.74	.	455	.	1	.	.	.	.	.	.	456
0.75-0.99	.	56	10	.	.	.	.	.	.	.	66
1.00-1.24	.	.	26	.	.	.	.	.	.	.	26
1.25-1.49	.	.	6	.	.	.	.	.	.	.	6
1.50-1.74	.	.	.	5	.	.	.	.	.	.	5
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2984	48	8	0	0	0	0	0	0	2847

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.0 NO. OF CASES= 2847.

STATION 029 43.90N 78.05W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2821	1	1	.	.	.	.	.	.	2823
0.25-0.49	.	933	2	1	.	.	.	.	.	.	936
0.50-0.74	.	784	1	1	.	.	.	.	.	.	786
0.75-0.99	.	85	38	1	1	.	.	.	.	.	125
1.00-1.24	.	1	32	1	.	.	.	.	.	.	34
1.25-1.49	.	.	18	3	.	.	.	.	.	.	21
1.50-1.74	.	.	.	16	.	.	.	.	.	.	16
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4624	92	25	1	0	0	0	0	0	4438

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.0 NO. OF CASES= 4438.

STATION 029 43.90N 78.05W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2591	4	2	.	.	.	.	.	.	2595
0.25-0.49	.	972	11	2	.	.	.	.	.	.	985
0.50-0.74	.	685	66	2	.	.	.	.	.	.	753
0.75-0.99	.	55	100	.	.	.	.	.	.	.	155
1.00-1.24	.	.	88	7	2	.	.	.	.	.	97
1.25-1.49	.	.	4	11	.	.	.	.	.	.	15
1.50-1.74	.	.	1	9	.	.	.	.	.	.	10
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4303	274	32	2	0	0	0	0	0	4318

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.1 NO. OF CASES= 4318.

STATION 029 43.90N 78.05W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2986	1	.	.	.	.	.	.	.	2997
0.25-0.49	.	982	19	4	.	.	.	.	.	.	1005
0.50-0.74	.	488	177	19	2	.	.	.	.	.	686
0.75-0.99	.	13	186	3	1	.	.	.	.	.	203
1.00-1.24	.	.	93	19	3	.	.	.	.	.	115
1.25-1.49	.	.	.	18	.	.	.	.	.	.	18
1.50-1.74	.	.	.	9	.	.	.	.	.	.	9
1.75-1.99	.	.	.	3	.	1	.	.	.	.	4
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4479	476	75	6	1	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.1 NO. OF CASES= 4716.

STATION 029 43.90N 78.05W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1664	.	.	.	.	.	.	.	.	1664
0.25-0.49	.	392	13	1	.	.	.	.	.	.	406
0.50-0.74	.	150	80	17	.	.	.	.	.	.	247
0.75-0.99	.	3	48	17	1	.	.	.	.	.	69
1.00-1.24	.	.	37	18	4	.	.	.	.	.	59
1.25-1.49	.	.	1	5	3	.	.	.	.	.	9
1.50-1.74	.	.	.	3	1	1	.	.	.	.	5
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2209	179	61	10	1	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.1 NO. OF CASES= 2305.

STATION 029 43.90N 78.05W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1759	2	.	.	.	.	.	.	.	1761
0.25-0.49	.	424	19	.	.	.	.	.	.	.	443
0.50-0.74	.	164	105	22	.	.	.	.	.	.	291
0.75-0.99	.	8	40	29	.	.	.	.	.	.	77
1.00-1.24	.	.	17	27	3	.	.	.	.	.	47
1.25-1.49	.	.	.	10	2	.	.	.	.	.	12
1.50-1.74	.	.	.	3	3	.	.	.	.	.	6
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2355	183	91	9	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.2 NO. OF CASES= 2474.

STATION 029 43.90N 78.05W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1810	.	.	.	.	.	.	.	.	1810
0.25-0.49	.	808	24	1	.	.	.	.	.	.	833
0.50-0.74	.	385	208	23	.	.	.	.	.	.	618
0.75-0.99	.	18	100	69	.	.	.	.	.	.	187
1.00-1.24	.	.	57	79	4	.	.	.	.	.	140
1.25-1.49	.	.	3	28	7	.	.	.	.	.	38
1.50-1.74	.	.	.	18	6	.	.	.	.	.	24
1.75-1.99	.	.	.	5	7	1	.	.	.	.	13
2.00-2.24	.	.	.	1	17	.	.	.	.	.	18
2.25-2.49	.	.	.	.	4	.	.	.	.	.	4
2.50-2.74	.	.	.	.	2	.	.	.	.	.	2
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3021	392	226	47	2	0	0	0	0	0

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 3.3 NO. OF CASES= 3457.

STATION 029 43.90N 78.05W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2988	.	1	.	.	.	.	.	.	2989
0.25-0.49	.	1057	14	.	.	.	.	.	.	.	1072
0.50-0.74	.	511	211	.	.	.	.	.	.	.	730
0.75-0.99	.	36	140	48	.	.	.	.	.	.	225
1.00-1.24	.	1	87	90	.	.	.	.	.	.	178
1.25-1.49	.	.	2	47	3	.	.	.	.	.	52
1.50-1.74	.	.	.	35	9	.	.	.	.	.	42
1.75-1.99	.	.	.	6	.	.	.	.	.	.	15
2.00-2.24	.	.	.	.	10	.	.	.	.	.	10
2.25-2.49	.	.	.	.	5	.	.	.	.	.	5
2.50-2.74	.	.	.	.	4	.	.	.	.	.	4
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	1	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	1
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4593	454	237	38	1	0	0	0	0	4986

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 3.2 NO. OF CASES= 4986.

STATION 029 43.90N 78.05W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4088	3	.	.	.	.	.	.	.	4091
0.25-0.49	.	1865	58	1	.	.	.	.	.	.	1924
0.50-0.74	.	705	328	36	.	.	.	.	.	.	1069
0.75-0.99	.	42	208	65	.	.	.	.	.	.	315
1.00-1.24	.	3	111	133	.	.	.	.	.	.	247
1.25-1.49	.	.	3	58	2	.	.	.	.	.	63
1.50-1.74	.	.	.	26	5	.	.	.	.	.	31
1.75-1.99	.	.	.	10	12	.	.	.	.	.	22
2.00-2.24	.	.	.	1	9	1	.	.	.	.	11
2.25-2.49	.	.	.	.	4	.	.	.	.	.	4
2.50-2.74	.	.	.	.	5	.	.	.	.	.	5
2.75-2.99	.	.	.	.	1	1	.	.	.	.	2
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	1	.	.	.	.	1
3.50+	.	.	.	.	.	2	1	.	.	.	3
TOTAL	0	6703	711	330	38	5	1	0	0	0	7293

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.7 MEAN TP(SEC)= 3.2 NO. OF CASES= 7293.

STATION 029 43.90N 78.05W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	10442	604	41	.	.	.	.	.	.	11087
0.25-0.49	.	3459	1445	548	6	.	.	.	.	.	5458
0.50-0.74	.	1542	928	1083	176	.	.	.	.	.	3729
0.75-0.99	.	175	609	385	217	8	.	.	.	.	1394
1.00-1.24	.	10	341	402	285	70	.	.	.	.	1108
1.25-1.49	.	.	27	191	97	59	1	.	.	.	375
1.50-1.74	.	.	4	170	113	58	10	.	.	.	355
1.75-1.99	.	.	.	48	67	23	4	.	.	.	142
2.00-2.24	.	.	.	10	82	16	17	.	.	.	125
2.25-2.49	.	.	.	.	42	4	8	.	.	.	54
2.50-2.74	.	.	.	.	34	31	4	.	.	.	69
2.75-2.99	.	.	.	.	2	36	3	.	.	.	41
3.00-3.24	.	.	.	.	1	41	2	.	.	.	44
3.25-3.49	.	.	.	.	.	11	17	.	.	.	28
3.50+	.	.	.	.	.	2	39	.	.	.	44
TOTAL	0	15628	3958	2878	1122	359	105	3	0	0	22511

MEAN HS(M) = 0.4 LARGEST HS(M)= 5.6 MEAN TP(SEC)= 3.6 NO. OF CASES= 22511.

STATION 029 43.90N 78.05W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3785	485	97	.	.	.	.	.	.	4347
0.25-0.49	.	2221	273	256	19	.	.	.	.	.	2769
0.50-0.74	.	2103	175	545	186	3	.	.	.	.	3012
0.75-0.99	.	317	137	250	315	16	.	.	.	.	1035
1.00-1.24	.	31	218	144	207	112	1	.	.	.	713
1.25-1.49	.	.	86	63	110	59	2	.	.	.	320
1.50-1.74	.	.	24	72	88	163	16	.	.	.	353
1.75-1.99	.	.	2	23	35	77	18	.	.	.	155
2.00-2.24	.	.	.	10	62	43	7	.	.	.	141
2.25-2.49	.	.	.	.	23	7	16	.	.	.	46
2.50-2.74	.	.	.	.	16	26	10	.	.	.	52
2.75-2.99	.	.	.	.	3	24	3	.	.	.	30
3.00-3.24	.	.	.	.	1	16	7	.	.	.	23
3.25-3.49	.	.	.	.	.	7	10	.	.	.	17
3.50+	.	.	.	.	.	3	39	3	0	0	45
TOTAL	0	8457	1380	1460	1065	556	137	3	0	0	12232

MEAN HS(M) = 0.5 LARGEST HS(M)= 5.4 MEAN TP(SEC)= 3.8 NO. OF CASES= 12232.



STATION 029 43.90N 78.05W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	2100	7	3	.	.	.	.	.	.	2110
0.25-0.49	.	1454	1	1	1	.	.	.	.	.	1457
0.50-0.74	.	1150	1	2	1	1	.	.	.	.	1155
0.75-0.99	.	192	13	1	1	3	.	.	.	.	210
1.00-1.24	.	3	172	1	3	1	.	.	.	.	180
1.25-1.49	.	.	67	.	.	1	.	.	.	.	68
1.50-1.74	.	.	21	11	.	10	.	.	.	.	42
1.75-1.99	.	.	.	5	.	1	1	.	.	.	7
2.00-2.24	.	.	.	2	.	.	.	.	.	.	2
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4899	282	32	8	15	2	0	0	0	0

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.1 NO. OF CASES= 4906.

STATION 029 43.90N 78.05W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1848	2	.	.	.	.	.	.	.	1850
0.25-0.49	.	1121	.	.	.	.	.	.	.	.	1121
0.50-0.74	.	1084	.	.	.	.	.	.	.	.	1084
0.75-0.99	.	201	65	.	.	.	.	.	.	.	266
1.00-1.24	.	.	97	.	.	.	.	.	.	.	97
1.25-1.49	.	.	66	7	.	.	.	.	.	.	73
1.50-1.74	.	.	.	36	.	.	.	.	.	.	36
1.75-1.99	.	.	.	8	.	.	.	.	.	.	8
2.00-2.24	.	.	.	2	.	.	.	.	.	.	2
2.25-2.49	.	.	.	1	.	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4254	230	54	0	0	0	0	0	0	0

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.1 NO. OF CASES= 4247.

STATION 029 43.90N 78.05W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	2913	9	1	.	.	.	.	.	.	2923
0.25-0.49	.	1005	.	.	.	.	.	.	.	.	1005
0.50-0.74	.	1236	.	1	.	.	.	.	.	.	1237
0.75-0.99	.	197	82	.	.	.	.	.	.	.	279
1.00-1.24	.	.	55	.	.	.	.	.	.	.	55
1.25-1.49	.	.	42	22	.	.	.	.	.	.	64
1.50-1.74	.	.	.	36	.	.	.	.	.	.	36
1.75-1.99	.	.	.	5	.	.	.	.	.	.	5
2.00-2.24	.	.	.	1	.	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5351	188	66	0	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.1 NO. OF CASES= 5246.

STATION 029 43.90N 78.05W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	2175	1	.	.	.	.	.	.	.	2176
0.25-0.49	.	944	.	1	.	.	.	.	.	.	945
0.50-0.74	.	797	1	.	.	.	.	.	.	.	798
0.75-0.99	.	88	36	.	.	.	.	.	.	.	124
1.00-1.24	.	.	35	.	.	.	.	.	.	.	35
1.25-1.49	.	.	11	4	.	.	.	.	.	.	15
1.50-1.74	.	.	.	12	.	.	.	.	.	.	12
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4004	84	17	0	0	0	0	0	0	0

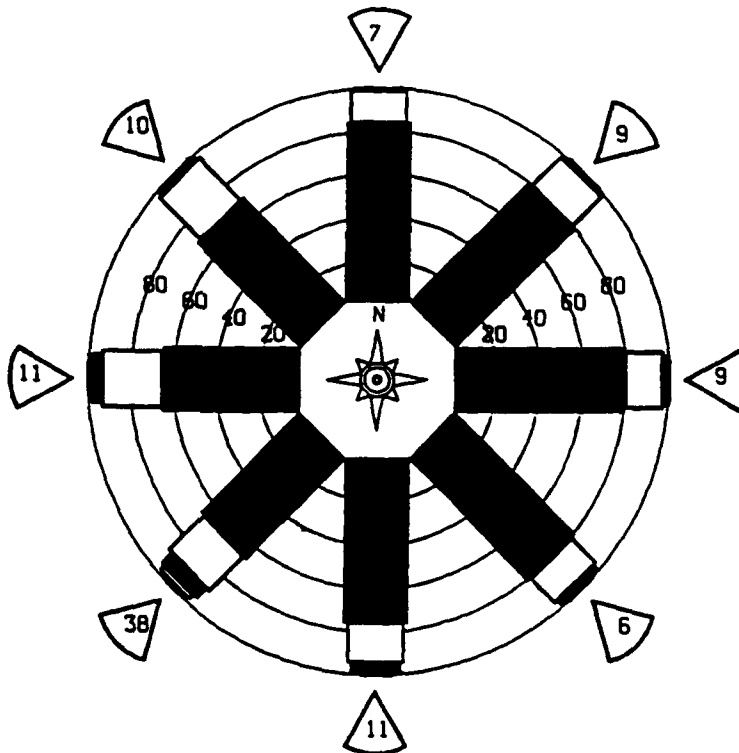
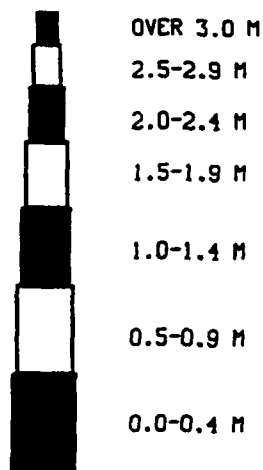
MEAN HS(M) = 0.3 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.0 NO. OF CASES= 3843.

STATION 029 43.90N 78.05W FOR ALL DIRECTIONS  
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (METRES)	PEAK PERIOD (SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4806	111	14	2	.	.	.	.	.	4931
0.25-0.49	.	1935	188	82	36	.	.	.	.	.	2207
0.50-0.74	.	1278	228	176	51	2	.	.	.	.	1718
0.75-0.99	.	152	181	87	53	2	.	.	.	.	475
1.00-1.24	.	5	151	92	51	18	.	.	.	.	317
1.25-1.49	.	.	34	47	22	12	.	.	.	.	115
1.50-1.74	.	.	5	46	22	23	1	.	.	.	97
1.75-1.99	.	.	.	11	13	10	2	.	.	.	36
2.00-2.24	.	.	.	3	18	6	4	.	.	.	31
2.25-2.49	.	.	.	.	8	5	2	.	.	.	11
2.50-2.74	.	.	.	.	6	5	1	.	.	.	12
2.75-2.99	.	.	.	.	.	6	.	.	.	.	6
3.00-3.24	.	.	.	.	.	5	.	.	.	.	5
3.25-3.49	.	.	.	.	.	2	.	.	.	.	4
3.50+	.	.	.	.	.	.	.	.	.	.	8
TOTAL	0	8176	898	558	231	90	20	0	0	0	

MEAN HS(M)= 0.4 LARGEST HS(M)= 5.6 MEAN TP(SEC)= 3.3 TOTAL CASES= 93504.

STATION 29  
43.90N, 78.05 W  
93504 CASES



# MEAN HS(METERS) BY MONTH AND YEAR

WIS STATION 029 (43.90N 78.05W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1957	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1958	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1959	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1960	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1961	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1962	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1963	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1964	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1965	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1966	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1967	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1968	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1969	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1970	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1971	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1972	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1973	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1974	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1975	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1976	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1977	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1978	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1979	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1980	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1981	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1982	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1983	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1984	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1985	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1986	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
1987	0.0	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3
MEAN	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.3	0.4	0.5	

# LARGEST HS(METERS) BY MONTH AND YEAR

WIS STATION 029 (43.90N 78.05W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1957	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1958	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1959	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1960	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1961	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1962	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1963	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1964	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1965	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1966	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1967	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1968	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1969	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1970	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1971	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1972	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1973	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1974	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1975	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1976	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1977	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1978	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1979	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1980	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1981	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1982	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1983	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1984	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1985	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1986	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1987	0.0	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0

# 32 YR. STATISTICS FOR WIS STATION 029

MEAN SIGNIFICANT WAVE HEIGHT . . . . . (METERS)	0.4
MEAN PEAK WAVE PERIOD . . . . . (SECONDS)	3.3
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND . . (DEGREES)	225.0
STANDARD DEVIATION OF WAVE HS . . . . . (METERS)	0.4
STANDARD DEVIATION OF WAVE TP . . . . . (SECONDS)	0.8
LARGEST WAVE HS . . . . . (METERS)	5.6
WAVE TP ASSOCIATED WITH LARGEST WAVE HS . . . . . (SECONDS)	10.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS . . (DEGREES)	236.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)	75022612

STATION 030 43.80N 78.25W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1576	7	.	.	.	.	.	.	.	1583
0.25-0.49	.	705	38	2	.	.	.	.	.	.	745
0.50-0.74	.	345	45	14	.	.	.	.	.	.	404
0.75-0.99	.	37	8	12	3	.	.	.	.	.	60
1.00-1.24	.	1	28	3	1	.	.	.	.	.	33
1.25-1.49	.	.	3	.	.	.	.	.	.	.	3
1.50-1.74	.	.	.	1	1	.	.	.	.	.	2
1.75-1.99	.	.	.	.	1	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2664	129	32	6	0	0	0	0	0	2655

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.1 NO. OF CASES= 2655.

STATION 030 43.80N 78.25W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1389	3	1	.	.	.	.	.	.	1393
0.25-0.49	.	481	41	3	.	.	.	.	.	.	525
0.50-0.74	.	189	59	12	1	.	.	.	.	.	261
0.75-0.99	.	9	38	4	1	.	.	.	.	.	52
1.00-1.24	.	.	27	6	1	.	.	.	.	.	34
1.25-1.49	.	.	1	7	.	.	.	.	.	.	8
1.50-1.74	.	.	.	2	.	.	.	.	.	.	2
1.75-1.99	.	.	.	.	1	.	.	.	.	.	1
2.00-2.24	.	.	.	.	2	.	.	.	.	.	2
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2068	169	35	6	0	0	0	0	0	2137

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 3.1 NO. OF CASES= 2137.

STATION 030 43.80N 78.25W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2010	4	.	.	.	.	.	.	.	2014
0.25-0.49	.	746	51	3	.	.	.	.	.	.	800
0.50-0.74	.	295	155	19	.	.	.	.	.	.	469
0.75-0.99	.	11	137	11	.	.	.	.	.	.	159
1.00-1.24	.	.	135	17	6	.	.	.	.	.	158
1.25-1.49	.	.	.	25	1	.	.	.	.	.	26
1.50-1.74	.	.	.	28	3	.	.	.	.	.	31
1.75-1.99	.	.	.	5	2	.	.	.	.	.	7
2.00-2.24	.	.	.	.	10	.	.	.	.	.	10
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3062	482	108	22	0	0	0	0	0	3444

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.2 NO. OF CASES= 3444.

STATION 030 43.80N 78.25W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2121	4	.	.	.	.	.	.	.	2125
0.25-0.49	.	875	53	.	.	.	.	.	.	.	928
0.50-0.74	.	313	234	48	.	.	.	.	.	.	595
0.75-0.99	.	21	146	42	2	.	.	.	.	.	211
1.00-1.24	.	.	90	64	10	.	.	.	.	.	164
1.25-1.49	.	.	1	26	4	.	.	.	.	.	31
1.50-1.74	.	.	.	19	6	.	.	.	.	.	25
1.75-1.99	.	.	.	1	3	.	.	.	.	.	4
2.00-2.24	.	.	.	.	4	.	.	.	.	.	4
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3330	528	200	30	0	0	0	0	0	3831

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.3 NO. OF CASES= 3831.

STATION 030 43.80N 78.25W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2711	10	1	.	.	.	.	.	.	2722
0.25-0.49	.	920	41	.	.	.	.	.	.	.	961
0.50-0.74	.	358	267	28	.	.	.	.	.	.	653
0.75-0.99	.	11	102	82	1	.	.	.	.	.	196
1.00-1.24	.	.	26	90	16	.	.	.	.	.	132
1.25-1.49	.	.	.	12	10	.	.	.	.	.	22
1.50-1.74	.	.	.	10	9	.	.	.	.	.	19
1.75-1.99	.	.	.	1	6	2	.	.	.	.	9
2.00-2.24	.	.	.	.	1	1	.	.	.	.	2
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4000	446	224	45	4	0	0	0	0	4423

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 3.2 NO. OF CASES= 4423.

STATION 030 43.80N 78.25W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2071	2	.	.	.	.	.	.	.	2073
0.25-0.49	.	397	24	.	.	.	.	.	.	.	421
0.50-0.74	.	157	164	32	.	.	.	.	.	.	353
0.75-0.99	.	1	36	51	.	.	.	.	.	.	88
1.00-1.24	.	.	17	44	14	.	.	.	.	.	75
1.25-1.49	.	.	1	8	4	.	.	.	.	.	13
1.50-1.74	.	.	.	3	4	.	.	.	.	.	7
1.75-1.99	.	.	.	.	1	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	1	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2626	244	138	23	1	0	0	0	0	2842

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.2 NO. OF CASES= 2842.

STATION 030 43.80N 78.25W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2473	1	.	.	.	.	.	.	.	2474
0.25-0.49	.	496	41	.	.	.	.	.	.	.	537
0.50-0.74	.	166	137	40	.	.	.	.	.	.	343
0.75-0.99	.	2	49	50	1	.	.	.	.	.	102
1.00-1.24	.	.	16	28	7	.	.	.	.	.	51
1.25-1.49	.	.	.	6	4	.	.	.	.	.	10
1.50-1.74	.	.	.	3	5	.	.	.	.	.	8
1.75-1.99	.	.	.	1	.	1	.	.	.	.	2
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3137	244	128	18	1	0	0	0	0	3306

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.2 NO. OF CASES= 3306.

STATION 030 43.80N 78.25W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2244	3	2	.	.	.	.	.	.	2249
0.25-0.49	.	669	18	.	.	.	.	.	.	.	687
0.50-0.74	.	335	159	24	.	.	.	.	.	.	518
0.75-0.99	.	14	105	29	.	.	.	.	.	.	148
1.00-1.24	.	.	80	29	3	.	.	.	.	.	112
1.25-1.49	.	.	2	20	2	.	.	.	.	.	24
1.50-1.74	.	.	.	25	2	.	.	.	.	.	27
1.75-1.99	.	.	.	7	2	1	.	.	.	.	10
2.00-2.24	.	.	.	.	8	.	.	.	.	.	8
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3282	367	138	19	1	0	0	0	0	3549

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.2 NO. OF CASES= 3549.

STATION 030 43.80N 78.25W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	3106	.	.	.	.	.	.	.	.	3106
0.25-0.49	.	935	16	1	.	.	.	.	.	.	952
0.50-0.74	.	469	147	8	.	.	.	.	.	.	624
0.75-0.99	.	26	117	4	.	.	.	.	.	.	147
1.00-1.24	.	.	105	49	2	.	.	.	.	.	156
1.25-1.49	.	.	.	36	.	.	.	.	.	.	40
1.50-1.74	.	.	4	39	.	.	.	.	.	.	39
1.75-1.99	.	.	.	9	3	.	.	.	.	.	12
2.00-2.24	.	.	.	.	8	.	.	.	.	.	8
2.25-2.49	.	.	.	.	3	.	.	.	.	.	3
2.50-2.74	.	.	.	.	2	.	.	.	.	.	2
2.75-2.99	.	.	.	.	1	.	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4536	389	146	19	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.1 NO. OF CASES= 4768.

STATION 030 43.80N 78.25W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	3539	.	.	.	.	.	.	.	.	3539
0.25-0.49	.	1523	9	2	.	.	.	.	.	.	1534
0.50-0.74	.	735	253	8	.	.	.	.	.	.	996
0.75-0.99	.	42	233	31	.	.	.	.	.	.	306
1.00-1.24	.	.	151	71	.	.	.	.	.	.	222
1.25-1.49	.	.	1	40	.	.	.	.	.	.	41
1.50-1.74	.	.	.	19	2	.	.	.	.	.	21
1.75-1.99	.	.	.	9	3	1	.	.	.	.	13
2.00-2.24	.	.	.	.	7	.	.	.	.	.	7
2.25-2.49	.	.	.	.	4	.	.	.	.	.	4
2.50-2.74	.	.	.	.	3	.	.	.	.	.	3
2.75-2.99	.	.	.	.	1	.	.	.	.	.	1
3.00-3.24	.	.	.	.	.	2	.	.	.	.	2
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5839	647	180	20	3	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 3.2 NO. OF CASES= 6264.

STATION 030 43.80N 78.25W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	6985	3	.	.	.	.	.	.	.	6988
0.25-0.49	.	3357	170	4	.	.	.	.	.	.	3531
0.50-0.74	.	1389	1078	126	.	.	.	.	.	.	2593
0.75-0.99	.	101	502	273	4	.	.	.	.	.	880
1.00-1.24	.	2	238	327	31	.	.	.	.	.	598
1.25-1.49	.	.	20	170	28	.	.	.	.	.	218
1.50-1.74	.	.	2	93	37	.	.	.	.	.	132
1.75-1.99	.	.	.	36	24	.	.	.	.	.	60
2.00-2.24	.	.	.	3	40	3	.	.	.	.	46
2.25-2.49	.	.	.	.	21	.	.	.	.	.	21
2.50-2.74	.	.	.	.	19	2	.	.	.	.	21
2.75-2.99	.	.	.	.	1	5	.	.	.	.	6
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	2
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	11834	2013	1032	205	18	1	0	0	0	0

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.7 MEAN TP(SEC)= 3.3 NO. OF CASES= 14132.

STATION 030 43.80N 78.25W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	6077	8	.	.	.	.	.	.	.	6085
0.25-0.49	.	3595	252	6	.	.	.	.	.	.	3853
0.50-0.74	.	1511	2074	433	.	.	.	.	.	.	4018
0.75-0.99	.	111	702	963	9	.	.	.	.	.	1785
1.00-1.24	.	1	363	1098	159	.	.	.	.	.	1621
1.25-1.49	.	.	27	489	1289	.	.	.	.	.	712
1.50-1.74	.	.	.	397	280	12	.	.	.	.	689
1.75-1.99	.	.	.	60	223	43	.	.	.	.	326
2.00-2.24	.	.	.	5	310	58	2	.	.	.	375
2.25-2.49	.	.	.	.	165	16	1	.	.	.	184
2.50-2.74	.	.	.	.	133	125	1	.	.	.	258
2.75-2.99	.	.	.	.	11	121	6	.	.	.	138
3.00-3.24	.	.	.	.	1	112	18	.	.	.	120
3.25-3.49	.	.	.	.	.	28	14	.	.	.	46
3.50+	.	.	.	.	.	.	109	.	.	.	123
TOTAL	0	11295	3426	3461	1477	529	146	0	0	0	0

MEAN HS(M) = 0.7 LARGEST HS(M)= 5.3 MEAN TP(SEC)= 3.9 NO. OF CASES= 19033.

STATION 030 43.80N 78.25W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3991	4	.	.	.	.	.	.	.	3995
0.25-0.49	.	2043	40	2	.	.	.	.	.	.	2085
0.50-0.74	.	1072	869	69	.	.	.	.	.	.	2010
0.75-0.99	.	97	563	393	2	.	.	.	.	.	1055
1.00-1.24	.	1	276	620	26	.	.	.	.	.	923
1.25-1.49	.	.	8	352	42	.	.	.	.	.	402
1.50-1.74	.	.	.	237	134	1	.	.	.	.	372
1.75-1.99	.	.	.	24	98	1	.	.	.	.	123
2.00-2.24	.	.	.	1	133	3	.	.	.	.	137
2.25-2.49	.	.	.	.	66	.	1	.	.	.	67
2.50-2.74	.	.	.	.	40	51	.	.	.	.	91
2.75-2.99	.	.	.	.	1	35	.	.	.	.	36
3.00-3.24	.	.	.	.	.	37	.	.	.	.	37
3.25-3.49	.	.	.	.	.	11	2	.	.	.	13
3.50+	.	.	.	.	.	5	9	.	.	.	14
TOTAL	0	7204	1760	1698	542	144	12	0	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 4.9 MEAN TP(SEC)= 3.7 NO. OF CASES= 10638.

STATION 030 43.80N 78.25W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2471	2	.	.	.	.	.	.	.	2473
0.25-0.49	.	1330	19	.	.	.	.	.	.	.	1349
0.50-0.74	.	1297	90	10	.	.	.	.	.	.	1397
0.75-0.99	.	253	156	33	1	.	.	.	.	.	443
1.00-1.24	.	2	152	78	1	.	.	.	.	.	233
1.25-1.49	.	.	49	52	2	.	.	.	.	.	103
1.50-1.74	.	.	2	77	7	.	.	.	.	.	86
1.75-1.99	.	.	.	14	8	.	.	.	.	.	22
2.00-2.24	.	.	.	.	17	.	.	.	.	.	17
2.25-2.49	.	.	.	.	6	.	.	.	.	.	6
2.50-2.74	.	.	.	.	8	4	.	.	.	.	12
2.75-2.99	.	.	.	.	1	3	.	.	.	.	4
3.00-3.24	.	.	.	.	.	2	.	.	.	.	2
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5353	470	264	51	9	2	0	0	0	2

MEAN HS(M) = 0.4 LARGEST HS(M)= 4.1 MEAN TP(SEC)= 3.2 NO. OF CASES= 5759.

STATION 030 43.80N 78.25W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2048	13	.	.	.	.	.	.	.	2061
0.25-0.49	.	897	14	4	.	.	.	.	.	.	915
0.50-0.74	.	937	5	5	.	.	.	.	.	.	947
0.75-0.99	.	171	49	4	1	.	.	.	.	.	225
1.00-1.24	.	2	47	1	2	.	.	.	.	.	52
1.25-1.49	.	.	28	.	.	.	.	.	.	.	35
1.50-1.74	.	.	.	13	.	.	.	.	.	.	13
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4055	156	34	3	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.1 NO. OF CASES= 3979.

STATION 030 43.80N 78.25W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

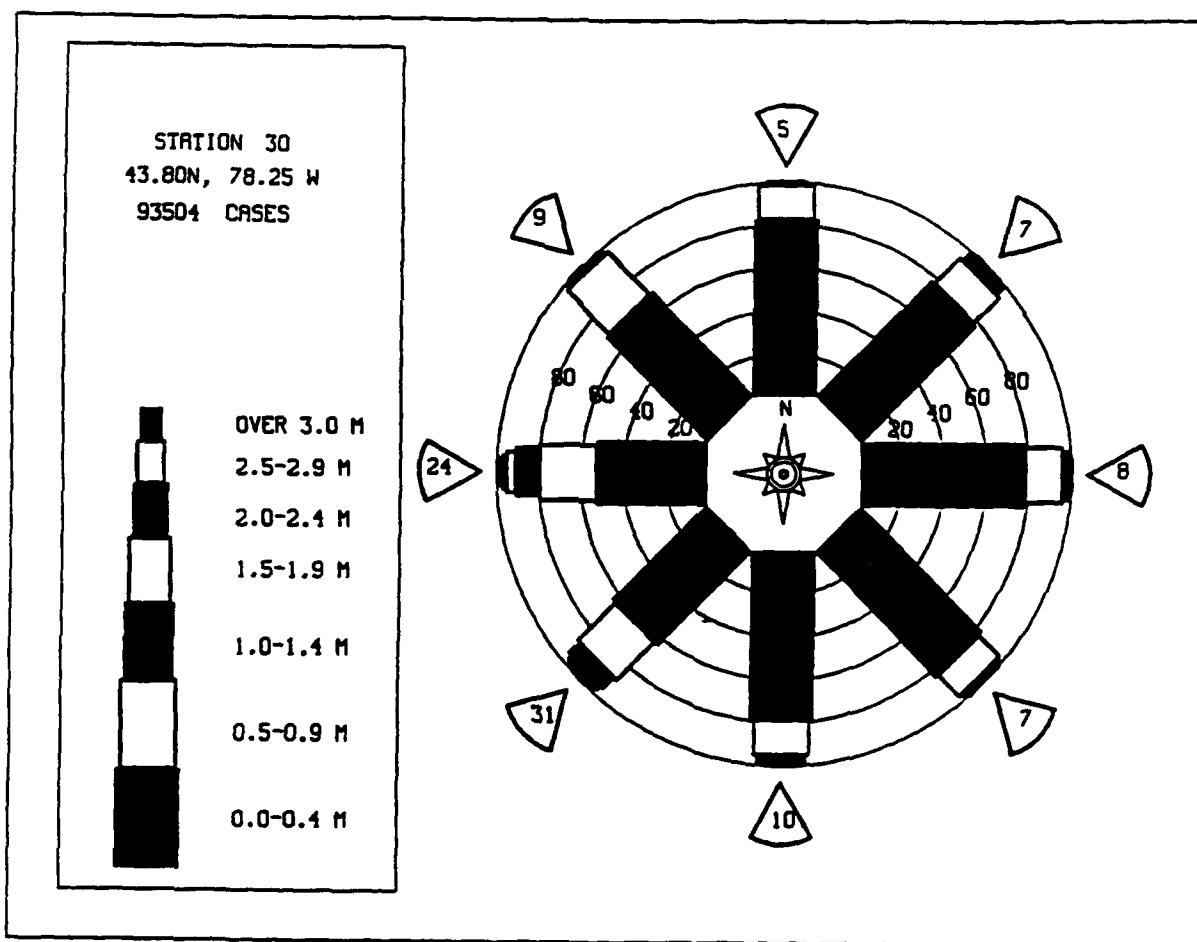
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1396	3	.	.	.	.	.	.	.	1399
0.25-0.49	.	701	34	3	.	.	.	.	.	.	738
0.50-0.74	.	649	12	5	.	.	.	.	.	.	666
0.75-0.99	.	68	17	.	1	.	.	.	.	.	86
1.00-1.24	.	.	25	1	.	.	.	.	.	.	26
1.25-1.49	.	.	6	2	.	.	.	.	.	.	8
1.50-1.74	.	.	.	6	.	.	.	.	.	.	6
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2814	97	17	1	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.0 NO. OF CASES= 2744.

STATION 030 43.80N 78.25W FOR ALL DIRECTIONS  
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4621	7	.	.	.	.	.	.	.	4628
0.25-0.49	.	1967	86	3	.	.	.	.	.	.	2056
0.50-0.74	.	1022	575	88	.	.	.	.	.	.	1685
0.75-0.99	.	98	296	198	2	.	.	.	.	.	594
1.00-1.24	.	.	178	253	28	.	.	.	.	.	459
1.25-1.49	.	.	15	126	28	.	.	.	.	.	169
1.50-1.74	.	.	.	97	49	.	.	.	.	.	147
1.75-1.99	.	.	.	17	37	1	.	.	.	.	59
2.00-2.24	.	.	.	.	34	6	.	.	.	.	60
2.25-2.49	.	.	.	.	27	1	.	.	.	.	28
2.50-2.74	.	.	.	.	20	18	.	.	.	.	38
2.75-2.99	.	.	.	.	1	16	.	.	.	.	17
3.00-3.24	.	.	.	.	.	16	.	.	.	.	16
3.25-3.49	.	.	.	.	.	2	2	.	.	.	6
3.50+	.	.	.	.	.	12	14	.	.	.	14
TOTAL	0	7708	1157	782	246	69	12	0	0	0	93504

MEAN HS(M)= 0.4 LARGEST HS(M)= 5.3 MEAN TP(SEC)= 3.4 TOTAL CASES= 93504.





MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 030 (43.80N 78.25W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1957	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1958	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1959	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1960	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1961	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1962	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1963	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1964	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1965	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1966	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1967	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1968	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1969	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1970	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1971	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1972	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1973	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1974	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1975	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1976	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1977	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1978	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1979	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1980	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1981	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1982	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1983	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1984	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1985	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1986	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
1987	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4
MEAN	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 030 (43.80N 78.25W)

YEAR	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	1.2	2.0	4.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1957	1.4	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1958	2.7	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1959	2.7	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1960	2.7	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1961	2.7	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1962	3.1	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1963	4.3	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1964	4.3	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1965	3.0	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1966	3.6	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1967	2.7	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1968	2.7	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1969	2.7	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1970	2.7	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1971	3.4	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1972	3.1	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1973	3.6	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1974	4.6	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1975	4.6	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1976	2.7	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1977	4.2	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1978	3.3	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1979	3.3	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1980	3.3	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1981	3.3	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1982	4.3	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1983	2.7	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1984	2.7	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1985	4.0	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1986	3.4	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	
1987	2.7	2.0	2.0	2.0	2.0	2.0	1.2	1.1	1.3	2.0	0.3	1.7	

32 YR. STATISTICS FOR WIS STATION 030

MEAN SIGNIFICANT WAVE HEIGHT	(METERS)	0.4
MEAN PEAK WAVE PERIOD	(SECONDS)	3.4
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND	(DEGREES)	247.5
STANDARD DEVIATION OF WAVE HS	(METERS)	0.5
STANDARD DEVIATION OF WAVE TP	(SECONDS)	0.8
LARGEST WAVE HS	(METERS)	5.3
WAVE TP ASSOCIATED WITH LARGEST WAVE HS	(SECONDS)	9.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS	(DEGREES)	249.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		71022809

STATION 031 43.75N 78.45W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		1793	12	1							1805
0.25-0.49		761	54								816
0.50-0.74		324	37	20							382
0.75-0.99		37	7	10	5						59
1.00-1.24		2	25	1	1						29
1.25-1.49				1	1						2
1.50-1.74					1						1
1.75-1.99											0
2.00-2.24					1						1
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	2917	135	33	10	0	0	0	0	0	2900

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.1 NO. OF CASES= 2900.

STATION 031 43.75N 78.45W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		1562	7								1569
0.25-0.49		533	50	5							588
0.50-0.74		179	71	20	2						272
0.75-0.99		18	25	13							56
1.00-1.24		1	3	14	5						23
1.25-1.49				2	3						5
1.50-1.74					4						4
1.75-1.99											0
2.00-2.24											0
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	2293	156	54	14	0	0	0	0	0	2361

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.1 NO. OF CASES= 2361.

STATION 031 43.75N 78.45W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		2220	7								2227
0.25-0.49		630	65	5							700
0.50-0.74		308	150	32	1						491
0.75-0.99		20	130	14	1						165
1.00-1.24			48	52	9						109
1.25-1.49			5	14	2						21
1.50-1.74			1	11	9						21
1.75-1.99					5						5
2.00-2.24					1						1
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	3178	406	128	28	0	0	0	0	0	3506

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.2 NO. OF CASES= 3506.

STATION 031 43.75N 78.45W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		2180	6								2186
0.25-0.49		801	68	1							870
0.50-0.74		357	188	38							583
0.75-0.99		22	128	38	3						191
1.00-1.24			51	65	12						128
1.25-1.49			3	20	3						26
1.50-1.74				7	2						10
1.75-1.99				2	6	1					8
2.00-2.24					4						4
2.25-2.49					1						1
2.50-2.74					1						1
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	3340	444	186	32	1	0	0	0	0	3750

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.2 NO. OF CASES= 3750.

STATION 031 43.75N 78.45W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24		2784	5	2							2792
0.25-0.49		887	52								939
0.50-0.74		389	251	25							665
0.75-0.99		14	132	80	1						227
1.00-1.24			38	106	12						156
1.25-1.49				23	19						42
1.50-1.74				10	11						21
1.75-1.99				1	4	2					7
2.00-2.24					6	3					9
2.25-2.49											0
2.50-2.74					1	2					3
2.75-2.99											0
3.00-3.24						1					1
3.25-3.49											0
3.50+											0
TOTAL	0	4074	479	247	54	8	0	0	0	0	4557

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 3.2 NO. OF CASES= 4557.

STATION 031 43.75N 78.45W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24		2123	5								2128
0.25-0.49		425	29								454
0.50-0.74		139	146	38							323
0.75-0.99		4	40	41	1						86
1.00-1.24			11	51	10						72
1.25-1.49				12	4						16
1.50-1.74				3	2	1					6
1.75-1.99				1	1						2
2.00-2.24							1				1
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	2891	231	146	18	1	1	0	0	0	2896

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.2 NO. OF CASES= 2896.

STATION 031 43.75N 78.45W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24		2504	1								2505
0.25-0.49		476	48								524
0.50-0.74		185	125	44							334
0.75-0.99		8	38	42	11						89
1.00-1.24			14	27	5						52
1.25-1.49				7	4						12
1.50-1.74				3	1	1					7
1.75-1.99											0
2.00-2.24											0
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	3153	227	127	21	1	0	0	0	0	3309

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.2 NO. OF CASES= 3309.

STATION 031 43.75N 78.45W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24		2253	5	1							2259
0.25-0.49		815	28								843
0.50-0.74		335	167	35							537
0.75-0.99		10	104	36	2						152
1.00-1.24			63	28	3						94
1.25-1.49			2	19	2						21
1.50-1.74				4	4						21
1.75-1.99					1						8
2.00-2.24											0
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	3249	367	142	21	0	0	0	0	0	3542

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.2 NO. OF CASES= 3542.

STATION 031 43.75N 78.45W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3484	4	1	.	.	.	.	.	.	3488
0.25-0.49	.	979	20	1	.	.	.	.	.	.	1000
0.50-0.74	.	472	155	11	1	.	.	.	.	.	638
0.75-0.99	.	27	119	10	3	.	.	.	.	.	157
1.00-1.24	.	.	101	49	1	.	.	.	.	.	153
1.25-1.49	.	.	3	36	1	.	.	.	.	.	40
1.50-1.74	.	.	.	38	1	.	.	.	.	.	39
1.75-1.99	.	.	.	9	3	1	.	.	.	.	13
2.00-2.24	.	.	.	.	9	.	.	.	.	.	9
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	4	.	.	.	.	.	4
2.75-2.99	.	.	.	.	1	.	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4962	402	154	24	1	0	0	0	0	5192.

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.1 NO. OF CASES= 5192.

STATION 031 43.75N 78.45W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4136	2	.	.	.	.	.	.	.	4138
0.25-0.49	.	1691	10	2	.	.	.	.	.	.	1703
0.50-0.74	.	790	290	9	.	.	.	.	.	.	1089
0.75-0.99	.	67	264	44	.	.	.	.	.	.	375
1.00-1.24	.	2	159	100	1	.	.	.	.	.	262
1.25-1.49	.	.	5	47	.	.	.	.	.	.	52
1.50-1.74	.	.	.	36	2	.	.	.	.	.	38
1.75-1.99	.	.	.	11	1	.	.	.	.	.	12
2.00-2.24	.	.	.	.	12	.	.	.	.	.	12
2.25-2.49	.	.	.	.	6	.	.	.	.	.	6
2.50-2.74	.	.	.	.	3	.	.	.	.	.	3
2.75-2.99	.	.	.	.	1	.	.	.	.	.	1
3.00-3.24	.	.	.	.	.	2	.	.	.	.	2
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6686	730	249	26	2	0	0	0	0	7203.

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 3.2 NO. OF CASES= 7203.

STATION 031 43.75N 78.45W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	7363	6	1	.	.	.	.	.	.	7370
0.25-0.49	.	3483	210	2	.	.	.	.	.	.	3695
0.50-0.74	.	1381	1313	170	.	.	.	.	.	.	2866
0.75-0.99	.	102	484	386	2	.	.	.	.	.	974
1.00-1.24	.	2	278	427	39	.	.	.	.	.	746
1.25-1.49	.	.	13	199	43	.	.	.	.	.	255
1.50-1.74	.	.	.	120	62	1	.	.	.	.	183
1.75-1.99	.	.	.	28	47	3	.	.	.	.	78
2.00-2.24	.	.	.	2	74	3	.	.	.	.	79
2.25-2.49	.	.	.	.	31	.	.	.	.	.	31
2.50-2.74	.	.	.	.	32	8	.	.	.	.	40
2.75-2.99	.	.	.	.	2	7	.	.	.	.	9
3.00-3.24	.	.	.	.	.	11	.	.	.	.	11
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	2
TOTAL	0	12331	2306	1335	332	35	0	0	0	0	15291.

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 3.4 NO. OF CASES= 15291.

STATION 031 43.75N 78.45W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	5147	10	.	.	.	.	.	.	.	5157
0.25-0.49	.	2919	168	8	.	.	.	.	.	.	3095
0.50-0.74	.	1535	1522	255	.	.	.	.	.	.	3312
0.75-0.99	.	105	843	587	13	.	.	.	.	.	1440
1.00-1.24	.	3	447	971	91	.	.	.	.	.	1512
1.25-1.49	.	.	20	626	93	.	.	.	.	.	741
1.50-1.74	.	.	1	424	171	8	.	.	.	.	604
1.75-1.99	.	.	.	77	187	22	.	.	.	.	286
2.00-2.24	.	.	.	2	324	59	1	.	.	.	366
2.25-2.49	.	.	.	.	170	16	4	.	.	.	190
2.50-2.74	.	.	.	.	150	74	3	.	.	.	227
2.75-2.99	.	.	.	.	8	113	2	.	.	.	123
3.00-3.24	.	.	.	.	.	93	4	.	.	.	97
3.25-3.49	.	.	.	.	.	28	16	.	.	.	44
3.50+	.	.	.	.	.	9	99	.	.	.	108
TOTAL	0	9709	3013	2950	1209	402	129	0	0	0	16299.

MEAN HS(M) = 0.7 LARGEST HS(M)= 5.0 MEAN TP(SEC)= 3.9 NO. OF CASES= 16299.

STATION 031 43.75N 78.45W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24		3742	8								3750
0.25-0.49		1889	25	3							1917
0.50-0.74		1140	743	26	1						1910
0.75-0.99		72	673	160	1						906
1.00-1.24			315	528	2						845
1.25-1.49			10	453	9						572
1.50-1.74				220	43						263
1.75-1.99				35	83	1					119
2.00-2.24				3	110						113
2.25-2.49					79		1				80
2.50-2.74					43						56
2.75-2.99						13					19
3.00-3.24						19					19
3.25-3.49						3					3
3.50+						1					5
TOTAL	0	6843	1774	1328	371	56	5	0	0	0	9716

MEAN HS(M) = 0.5 LARGEST HS(M)= 4.3 MEAN TP(SEC)= 3.6 NO. OF CASES= 9716.

STATION 031 43.75N 78.45W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24		2328	3	1							2332
0.25-0.49		1363	19	1							1385
0.50-0.74		1322	82	5	1						1410
0.75-0.99		250	147	19	1						417
1.00-1.24			182	67	1						250
1.25-1.49			62	35	1						118
1.50-1.74			3	77	6						86
1.75-1.99				14	3						17
2.00-2.24				3	21						24
2.25-2.49					8						8
2.50-2.74					5						3
2.75-2.99					1	2					3
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	5263	498	244	48	5	1	0	0	0	5675

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 3.2 NO. OF CASES= 5675.

STATION 031 43.75N 78.45W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24		2116	17	1							2134
0.25-0.49		962	38	1							1002
0.50-0.74		891	48	1							940
0.75-0.99		183	81	2							266
1.00-1.24			27	16							43
1.25-1.49											0
1.50-1.74											0
1.75-1.99											0
2.00-2.24											0
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	4252	220	41	3	0	0	0	0	0	4229

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.1 NO. OF CASES= 4229.

STATION 031 43.75N 78.45W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

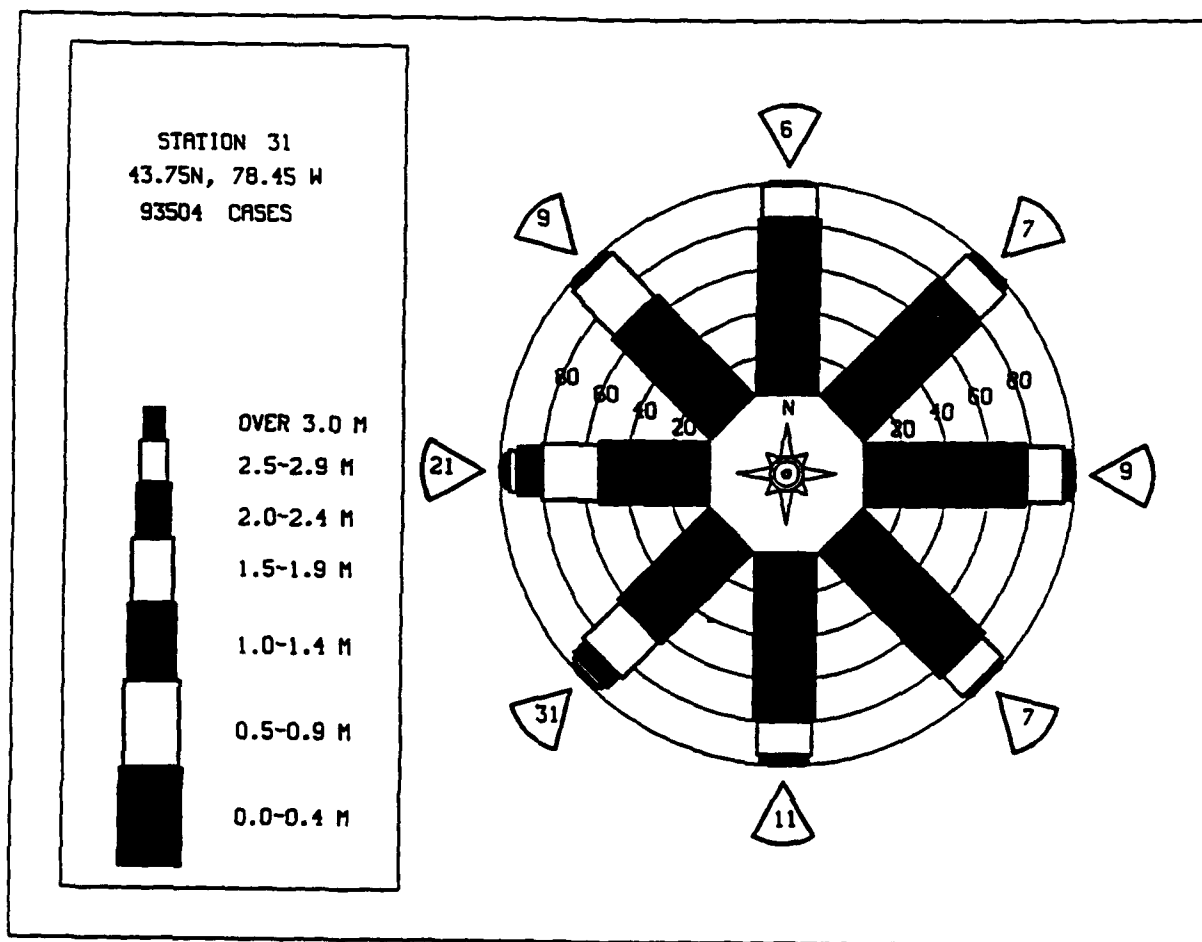
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24		1517	6								1523
0.25-0.49		777	27	4							808
0.50-0.74		751	26	13							780
0.75-0.99		90	23		1						114
1.00-1.24		1	34								35
1.25-1.49			13	3							16
1.50-1.74				3							3
1.75-1.99											0
2.00-2.24											0
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	3138	118	27	2	0	0	0	0	0	3078

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.1 NO. OF CASES= 3078.

STATION 031 43.75N 78.45W FOR ALL DIRECTIONS  
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	4723	11	.	.	.	.	.	.	.	4734
0.25-0.49	.	1924	91	4	.	.	.	.	.	.	2019
0.50-0.74	.	1058	527	77	.	.	.	.	.	.	1662
0.75-0.99	.	103	321	149	3	.	.	.	.	.	576
1.00-1.24	.	.	1	185	249	20	.	.	.	.	455
1.25-1.49	.	.	.	16	142	18	.	.	.	.	176
1.50-1.74	.	.	.	.	99	32	1	.	.	.	132
1.75-1.99	.	.	.	.	18	34	3	.	.	.	55
2.00-2.24	.	.	.	.	1	57	4	.	.	.	62
2.25-2.49	.	.	.	.	.	29	1	.	.	.	30
2.50-2.74	.	.	.	.	.	24	10	.	.	.	34
2.75-2.99	.	.	.	.	.	1	14	.	.	.	15
3.00-3.24	.	.	.	.	.	.	12	.	.	.	12
3.25-3.49	.	.	.	.	.	.	3	.	.	.	4
3.50+	.	.	.	.	.	1	10	.	.	.	11
TOTAL	0	7809	1151	739	218	49	11	0	0	0	11

MEAN HS(M)= 0.4 LARGEST HS(M)= 5.0 MEAN TP(SEC)= 3.4 TOTAL CASES= 93504.



**MEAN HS(METERS) BY MONTH AND YEAR**  
**WIS STATION 031 (43.75N 78.45W)**

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	0	0	0	0	0	0	0	0	0	0	0	0.4
1957	0.4	0	0	0	0	0	0	0	0	0	0	0	0.4
1958	0.4	0	0	0	0	0	0	0	0	0	0	0	0.4
1959	0.4	0	0	0	0	0	0	0	0	0	0	0	0.4
1960	0.5	0	0	0	0	0	0	0	0	0	0	0	0.4
1961	0.4	0	0	0	0	0	0	0	0	0	0	0	0.4
1962	0.9	0	0	0	0	0	0	0	0	0	0	0	0.4
1963	0.7	0	0	0	0	0	0	0	0	0	0	0	0.4
1964	0.8	0	0	0	0	0	0	0	0	0	0	0	0.4
1965	0.7	0	0	0	0	0	0	0	0	0	0	0	0.4
1966	0.6	0	0	0	0	0	0	0	0	0	0	0	0.4
1967	0.6	0	0	0	0	0	0	0	0	0	0	0	0.4
1968	0.7	0	0	0	0	0	0	0	0	0	0	0	0.4
1969	0.7	0	0	0	0	0	0	0	0	0	0	0	0.4
1970	0.7	0	0	0	0	0	0	0	0	0	0	0	0.4
1971	0.7	0	0	0	0	0	0	0	0	0	0	0	0.4
1972	0.8	0	0	0	0	0	0	0	0	0	0	0	0.4
1973	0.8	0	0	0	0	0	0	0	0	0	0	0	0.4
1974	0.8	0	0	0	0	0	0	0	0	0	0	0	0.4
1975	0.8	0	0	0	0	0	0	0	0	0	0	0	0.4
1976	0.8	0	0	0	0	0	0	0	0	0	0	0	0.4
1977	0.8	0	0	0	0	0	0	0	0	0	0	0	0.4
1978	0.8	0	0	0	0	0	0	0	0	0	0	0	0.4
1979	0.8	0	0	0	0	0	0	0	0	0	0	0	0.4
1980	0.7	0	0	0	0	0	0	0	0	0	0	0	0.4
1981	0.7	0	0	0	0	0	0	0	0	0	0	0	0.4
1982	0.9	0	0	0	0	0	0	0	0	0	0	0	0.4
1983	0.9	0	0	0	0	0	0	0	0	0	0	0	0.4
1984	0.9	0	0	0	0	0	0	0	0	0	0	0	0.4
1985	0.9	0	0	0	0	0	0	0	0	0	0	0	0.4
1986	0.9	0	0	0	0	0	0	0	0	0	0	0	0.4
1987	0.9	0	0	0	0	0	0	0	0	0	0	0	0.4
MEAN	0.6	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.3	0.3	0.5	0.5	

**LARGEST HS(METERS) BY MONTH AND YEAR**

**WIS STATION 031 (43.75N 78.45W)**

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1957	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1958	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1959	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1960	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1961	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1962	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1963	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1964	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1965	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1966	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1967	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1968	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1969	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1970	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1971	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1972	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1973	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1974	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1975	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1976	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1977	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1978	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1979	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1980	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1981	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1982	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1983	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1984	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1985	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1986	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
1987	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	

**32 YR. STATISTICS FOR WIS STATION 031**

MEAN SIGNIFICANT WAVE HEIGHT . . . . . (METERS)	0.4
MEAN PEAK WAVE PERIOD . . . . . (SECONDS)	3.4
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND . . (DEGREES)	247.5
STANDARD DEVIATION OF WAVE HS . . . . . (METERS)	0.5
STANDARD DEVIATION OF WAVE TP . . . . . (SECONDS)	0.8
LARGEST WAVE HS . . . . . (METERS)	5.0
WAVE TP ASSOCIATED WITH LARGEST WAVE HS . . . . . (SECONDS)	9.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS . . (DEGREES)	249.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)	75022609

STATION 032 43.75N 78.65W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0- LONGER	
0.00-0.24		2911	27	1							2939
0.25-0.49		933	72	4	1						1010
0.50-0.74		402	40	29	3						474
0.75-0.99		32	2	11	5						50
1.00-1.24		1	33	4	5						43
1.25-1.49			1		3						4
1.50-1.74					1						1
1.75-1.99											0
2.00-2.24											0
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	4279	175	49	18	0	0	0	0	0	4234

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.5 MEAN TP(SEC)= 3.1 NO. OF CASES= 4234.

STATION 032 43.75N 78.65W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0- LONGER	
0.00-0.24		2535	18								2553
0.25-0.49		510	81								591
0.50-0.74		226	64	39	3						332
0.75-0.99		28	10	17	5						60
1.00-1.24			1	12	1						24
1.25-1.49					1						1
1.50-1.74			1								1
1.75-1.99				1	1						2
2.00-2.24											0
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	3399	176	77	27	0	0	0	0	0	3448

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.1 NO. OF CASES= 3448.

STATION 032 43.75N 78.65W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0- LONGER	
0.00-0.24		2703	10	1							2714
0.25-0.49		561	80	6							647
0.50-0.74		256	103	35							394
0.75-0.99		54	27	37	4						122
1.00-1.24		2	13	36	13						64
1.25-1.49			13	7							25
1.50-1.74			2	2	2						6
1.75-1.99											0
2.00-2.24											0
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	3576	248	122	26	0	0	0	0	0	3724

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.1 NO. OF CASES= 3724.

STATION 032 43.75N 78.65W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0- LONGER	
0.00-0.24		1993	6	1							2000
0.25-0.49		686	52								738
0.50-0.74		355	148	42							545
0.75-0.99		38	74	40							152
1.00-1.24			32	54	5						91
1.25-1.49			4	8	7						19
1.50-1.74				4	5						9
1.75-1.99				1	2						3
2.00-2.24					8	1					9
2.25-2.49					1						1
2.50-2.74					1						1
2.75-2.99						1					1
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	3072	316	150	29	2	0	0	0	0	3346

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 3.2 NO. OF CASES= 3346.



STATION 032 43.75N 78.65W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9	
0.00-0.24	.	2612	13	.	.	.	.	.	.	.	2625
0.25-0.49	.	919	58	1	.	.	.	.	.	.	978
0.50-0.74	.	393	251	36	.	.	.	.	.	.	680
0.75-0.99	.	19	162	63	.	.	.	.	.	.	248
1.00-1.24	.	.	64	112	12	.	.	.	.	.	188
1.25-1.49	.	.	1	36	16	.	.	.	.	.	53
1.50-1.74	.	.	.	29	25	1	.	.	.	.	55
1.75-1.99	.	.	.	2	8	1	.	.	.	.	15
2.00-2.24	.	.	.	.	11	4	.	.	.	.	15
2.25-2.49	.	.	.	.	5	.	.	.	.	.	5
2.50-2.74	.	.	.	.	.	4	.	.	.	.	4
2.75-2.99	.	.	.	.	.	1	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3943	549	279	81	11	0	0	0	0	4558.

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.3 NO. OF CASES= 4558.

STATION 032 43.75N 78.65W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9	
0.00-0.24	.	2066	7	.	.	.	.	.	.	.	2073
0.25-0.49	.	488	36	3	.	.	.	.	.	.	537
0.50-0.74	.	161	142	31	.	.	.	.	.	.	334
0.75-0.99	.	2	50	49	3	.	.	.	.	.	104
1.00-1.24	.	.	18	50	20	.	.	.	.	.	88
1.25-1.49	.	.	1	14	5	.	.	.	.	.	20
1.50-1.74	.	.	.	7	4	1	.	.	.	.	12
1.75-1.99	.	.	.	.	1	.	.	.	.	.	1
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	1	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2727	254	154	34	1	1	0	0	0	2971.

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.2 NO. OF CASES= 2971.

STATION 032 43.75N 78.65W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9	
0.00-0.24	.	2563	9	1	.	.	.	.	.	.	2573
0.25-0.49	.	581	45	4	.	.	.	.	.	.	610
0.50-0.74	.	186	151	38	3	.	.	.	.	.	378
0.75-0.99	.	9	39	51	.	.	.	.	.	.	99
1.00-1.24	.	.	11	16	6	1	.	.	.	.	34
1.25-1.49	.	.	1	3	2	.	.	.	.	.	6
1.50-1.74	.	.	.	3	.	.	.	.	.	.	3
1.75-1.99	.	.	.	.	1	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3319	256	116	12	1	0	0	0	0	3471.

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.1 NO. OF CASES= 3471.

STATION 032 43.75N 78.65W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9	
0.00-0.24	.	2545	5	1	.	.	.	.	.	.	2551
0.25-0.49	.	772	33	5	.	.	.	.	.	.	810
0.50-0.74	.	253	139	26	.	.	.	.	.	.	418
0.75-0.99	.	17	63	20	1	.	.	.	.	.	103
1.00-1.24	.	.	27	32	2	.	.	.	.	.	62
1.25-1.49	.	1	1	17	.	.	.	.	.	.	18
1.50-1.74	.	.	.	9	.	.	.	.	.	.	9
1.75-1.99	.	.	.	3	2	.	.	.	.	.	5
2.00-2.24	.	.	.	.	5	.	.	.	.	.	5
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3588	270	113	11	0	0	0	0	0	3729.

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.1 NO. OF CASES= 3729.

STATION 032 43.75N 78.65W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.00-0.24	.	4565	8	.	.	.	.	.	.	.	4573
0.25-0.49	.	1142	33	2	.	.	.	.	.	.	1177
0.50-0.74	.	444	115	17	.	.	.	.	.	.	576
0.75-0.99	.	32	101	10	3	.	.	.	.	.	146
1.00-1.24	.	1	73	29	2	.	.	.	.	.	105
1.25-1.49	.	.	5	32	1	.	.	.	.	.	38
1.50-1.74	.	.	.	25	1	.	.	.	.	.	26
1.75-1.99	.	.	.	2	.	.	.	.	.	.	4
2.00-2.24	.	.	.	.	3	.	.	.	.	.	3
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	5	.	.	.	.	.	5
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6184	335	117	16	0	0	0	0	0	6228

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.1 NO. OF CASES= 6228.

STATION 032 43.75N 78.65W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.00-0.24	.	5125	9	.	.	.	.	.	.	.	5134
0.25-0.49	.	1692	59	2	.	.	.	.	.	.	1753
0.50-0.74	.	701	372	28	1	.	.	.	.	.	1102
0.75-0.99	.	68	239	78	1	.	.	.	.	.	366
1.00-1.24	.	.	126	106	1	.	.	.	.	.	233
1.25-1.49	.	.	6	50	5	.	.	.	.	.	61
1.50-1.74	.	.	.	47	7	.	.	.	.	.	54
1.75-1.99	.	.	.	11	6	.	.	.	.	.	17
2.00-2.24	.	.	.	.	13	.	.	.	.	.	13
2.25-2.49	.	.	.	.	3	.	.	.	.	.	3
2.50-2.74	.	.	.	.	5	2	.	.	.	.	7
2.75-2.99	.	.	.	.	2	.	.	.	.	.	2
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	7586	811	322	44	3	0	0	0	0	8208

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 3.2 NO. OF CASES= 8208.

STATION 032 43.75N 78.65W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.00-0.24	.	7064	38	1	.	.	.	.	.	.	7103
0.25-0.49	.	2796	393	21	.	.	.	.	.	.	3210
0.50-0.74	.	1372	1022	239	.	.	.	.	.	.	2633
0.75-0.99	.	159	464	402	4	.	.	.	.	.	1029
1.00-1.24	.	1	312	463	37	.	.	.	.	.	813
1.25-1.49	.	.	18	177	59	.	.	.	.	.	254
1.50-1.74	.	.	.	121	151	.	.	.	.	.	273
1.75-1.99	.	.	.	37	70	3	.	.	.	.	110
2.00-2.24	.	.	.	6	105	5	.	.	.	.	116
2.25-2.49	.	.	.	.	52	3	.	.	.	.	55
2.50-2.74	.	.	.	.	33	31	.	.	.	.	64
2.75-2.99	.	.	.	.	2	42	.	.	.	.	44
3.00-3.24	.	.	.	.	.	44	.	.	.	.	44
3.25-3.49	.	.	.	.	.	12	.	.	.	.	12
3.50+	.	.	.	.	.	2	12	.	.	.	14
TOTAL	0	11392	2248	1467	513	142	12	0	0	0	14765

MEAN HS(M) = 0.4 LARGEST HS(M)= 4.4 MEAN TP(SEC)= 3.5 NO. OF CASES= 14765.

STATION 032 43.75N 78.65W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.00-0.24	.	4080	33	3	.	.	.	.	.	.	4116
0.25-0.49	.	2345	62	6	.	.	.	.	.	.	2413
0.50-0.74	.	2152	235	56	.	.	.	.	.	.	2443
0.75-0.99	.	533	690	114	.	.	.	.	.	.	1337
1.00-1.24	.	1	676	193	23	.	.	.	.	.	893
1.25-1.49	.	.	77	186	54	.	.	.	.	.	317
1.50-1.74	.	.	2	279	91	2	.	.	.	.	374
1.75-1.99	.	.	.	106	42	9	.	.	.	.	157
2.00-2.24	.	.	.	37	85	25	.	.	.	.	147
2.25-2.49	.	.	.	.	40	10	1	.	.	.	51
2.50-2.74	.	.	.	.	40	28	1	.	.	.	69
2.75-2.99	.	.	.	.	3	35	.	.	.	.	38
3.00-3.24	.	.	.	.	1	47	1	.	.	.	49
3.25-3.49	.	.	.	.	.	21	5	.	.	.	26
3.50+	.	.	.	.	.	8	66	.	.	.	66
TOTAL	0	9111	1775	980	379	185	58	0	0	0	11702

MEAN HS(M) = 0.6 LARGEST HS(M)= 4.6 MEAN TP(SEC)= 3.5 NO. OF CASES= 11702.

STATION 032 43.75N 78.65W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0- LONGER	
0.00-0.24	.	3674	13	.	.	.	.	.	.	.	3687
0.25-0.49	.	1684	20	4	.	.	.	.	.	.	1708
0.50-0.74	.	1633	81	10	.	.	.	.	.	.	1724
0.75-0.99	.	238	468	3	.	.	.	.	.	.	709
1.00-1.24	.	1	454	22	.	.	.	.	.	.	477
1.25-1.49	.	.	28	108	.	.	.	.	.	.	136
1.50-1.74	.	.	.	203	.	.	.	.	.	.	203
1.75-1.99	.	.	.	81	.	.	.	.	.	.	81
2.00-2.24	.	.	.	34	19	.	.	.	.	.	53
2.25-2.49	.	.	.	.	6	.	.	.	.	.	6
2.50-2.74	.	.	.	.	4	.	.	.	.	.	4
2.75-2.99	.	.	.	.	1	.	.	.	.	.	1
3.00-3.24	.	.	.	.	1	1	.	.	.	.	2
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	7230	1084	465	31	1	0	0	0	0	8228

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 3.2 NO. OF CASES= 8228.

STATION 032 43.75N 78.65W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0- LONGER	
0.00-0.24	.	2572	11	4	.	.	.	.	.	.	2587
0.25-0.49	.	1375	22	2	.	.	.	.	.	.	1397
0.50-0.74	.	1483	27	2	.	.	.	.	.	.	1530
0.75-0.99	.	300	209	3	1	.	.	.	.	.	513
1.00-1.24	.	.	272	2	1	.	.	.	.	.	275
1.25-1.49	.	.	99	2	3	.	.	.	.	.	282
1.50-1.74	.	.	7	10	2	.	.	.	.	.	152
1.75-1.99	.	.	.	2	2	.	.	.	.	.	112
2.00-2.24	.	.	.	3	1	.	.	.	.	.	25
2.25-2.49	.	.	.	.	1	.	.	.	.	.	16
2.50-2.74	.	.	.	.	3	.	.	.	.	.	3
2.75-2.99	.	.	.	.	2	.	.	.	.	.	2
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5728	657	222	23	0	0	0	0	0	6208

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 3.2 NO. OF CASES= 6208.

STATION 032 43.75N 78.65W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0- LONGER	
0.00-0.24	.	2529	18	2	.	.	.	.	.	.	2549
0.25-0.49	.	1065	39	8	.	.	.	.	.	.	1112
0.50-0.74	.	971	12	1	1	.	.	.	.	.	985
0.75-0.99	.	190	66	2	2	.	.	.	.	.	260
1.00-1.24	.	.	79	1	3	.	.	.	.	.	94
1.25-1.49	.	.	45	1	1	.	.	.	.	.	56
1.50-1.74	.	.	.	2	1	.	.	.	.	.	21
1.75-1.99	.	.	.	1	1	.	.	.	.	.	2
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4755	259	68	6	0	0	0	0	0	4765

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.1 NO. OF CASES= 4765.

STATION 032 43.75N 78.65W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

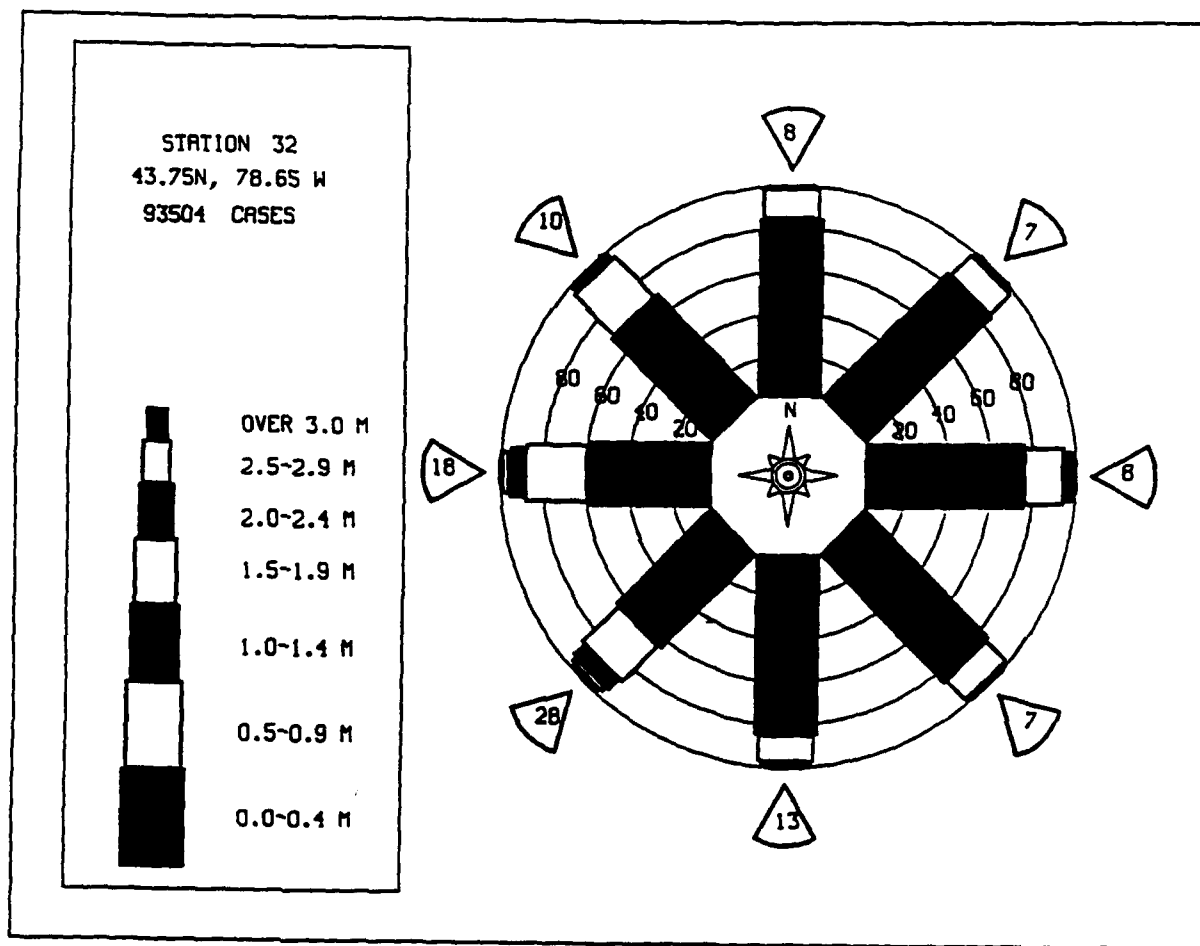
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0- LONGER	
0.00-0.24	.	1797	14	.	.	.	.	.	.	.	1811
0.25-0.49	.	1094	28	3	.	.	.	.	.	.	1125
0.50-0.74	.	930	16	20	1	.	.	.	.	.	967
0.75-0.99	.	139	37	1	1	.	.	.	.	.	177
1.00-1.24	.	.	63	.	1	.	.	.	.	.	65
1.25-1.49	.	.	23	.	.	.	.	.	.	.	28
1.50-1.74	.	.	.	11	.	.	.	.	.	.	11
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3960	181	40	3	0	0	0	0	0	3918

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.1 NO. OF CASES= 3918.

STATION 032 43.75N 78.65W FOR ALL DIRECTIONS  
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.00-0.24	.	5134	24	1	.	.	.	.	.	.	5159
0.25-0.49	.	1873	112	8	.	.	.	.	.	.	1993
0.50-0.74	.	1192	293	67	1	.	.	.	.	.	1353
0.75-0.99	.	186	271	90	3	.	.	.	.	.	350
1.00-1.24	.	.	226	116	14	.	.	.	.	.	356
1.25-1.49	.	.	32	71	17	.	.	.	.	.	120
1.50-1.74	.	.	1	87	29	.	.	.	.	.	117
1.75-1.99	.	.	.	27	8	.	.	.	.	.	37
2.00-2.24	.	.	.	.	.	.	.	.	.	.	12
2.25-2.49	.	.	.	.	.	.	.	.	.	.	15
2.50-2.74	.	.	.	.	.	.	.	.	.	.	9
2.75-2.99	.	.	.	.	.	.	.	.	.	.	3
3.00-3.24	.	.	.	.	.	.	.	.	.	.	8
3.25-3.49	.	.	.	.	.	.	.	.	.	.	.
3.50+	.	.	.	.	.	.	.	.	.	.	.
TOTAL	0	8385	959	475	124	32	7	0	0	0	

MEAN HS(M)= 0.4 LARGEST HS(M)= 4.6 MEAN TP(SEC)= 3.2 TOTAL CASES= 93504.



MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 032 (43.75N 78.65W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1957	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1958	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1959	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1960	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1961	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1962	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1963	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1964	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1965	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1966	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1967	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1968	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1969	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1970	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1971	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1972	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1973	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1974	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1975	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1976	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1977	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1978	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1979	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1980	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1981	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1982	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1983	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1984	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1985	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1986	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1987	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
MEAN	0.5	0.5	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.5	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 032 (43.75N 78.65W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1957	1.4	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1958	2.4	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1959	2.4	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1960	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1961	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1962	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1963	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1964	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1965	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1966	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1967	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1968	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1969	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1970	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1971	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1972	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1973	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1974	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1975	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1976	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1977	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1978	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1979	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1980	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1981	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1982	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1983	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1984	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1985	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1986	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	
1987	2.2	2.2	3.9	2.2	2.3	2.0	1.2	0.9	1.1	2.0	3.6	2.1	

32 YR. STATISTICS FOR WIS STATION 032

MEAN SIGNIFICANT WAVE HEIGHT . . . . . (METERS)	0.4
MEAN PEAK WAVE PERIOD . . . . . (SECONDS)	3.2
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND . . (DEGREES)	225.0
STANDARD DEVIATION OF WAVE HS . . . . . (METERS)	0.4
STANDARD DEVIATION OF WAVE TP . . . . . (SECONDS)	0.6
LARGEST WAVE HS . . . . . (METERS)	4.6
WAVE TP ASSOCIATED WITH LARGEST WAVE HS . . . . . (SECONDS)	8.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS . . (DEGREES)	239.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)	75022609

STATION 033 43.75N 78.85W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0- LONGER	
0.00-0.24	.	2357	25	1	.	.	.	.	.	.	2383
0.25-0.49	.	1182	68	7	.	.	.	.	.	.	1257
0.50-0.74	.	501	40	31	4	.	.	.	.	.	576
0.75-0.99	.	53	3	7	7	.	.	.	.	.	70
1.00-1.24	.	1	56	.	3	.	.	.	.	.	60
1.25-1.49	.	.	9	.	2	.	.	.	.	.	11
1.50-1.74	.	.	.	.	1	.	.	.	.	.	0
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4094	201	46	17	0	0	0	0	0	4082

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.5 MEAN TP(SEC)= 3.1 NO. OF CASES= 4082.

STATION 033 43.75N 78.85W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0- LONGER	
0.00-0.24	.	1537	19	.	.	.	.	.	.	.	1556
0.25-0.49	.	625	77	6	.	.	.	.	.	.	708
0.50-0.74	.	289	55	31	1	.	.	.	.	.	376
0.75-0.99	.	21	10	18	6	.	.	.	.	.	55
1.00-1.24	.	.	8	9	13	.	.	.	.	.	30
1.25-1.49	.	.	4	.	2	.	.	.	.	.	6
1.50-1.74	.	.	1	.	3	.	.	.	.	.	4
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2472	174	64	25	0	0	0	0	0	2565

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.1 NO. OF CASES= 2565.

STATION 033 43.75N 78.85W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0- LONGER	
0.00-0.24	.	2003	17	.	.	.	.	.	.	.	2020
0.25-0.49	.	548	85	5	.	.	.	.	.	.	638
0.50-0.74	.	288	114	37	.	.	.	.	.	.	439
0.75-0.99	.	41	67	32	5	.	.	.	.	.	145
1.00-1.24	.	.	12	48	13	.	.	.	.	.	73
1.25-1.49	.	.	8	9	10	.	.	.	.	.	27
1.50-1.74	.	.	2	.	10	.	.	.	.	.	12
1.75-1.99	.	.	.	.	1	.	.	.	.	.	2
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2880	305	132	39	0	0	0	0	0	3147

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.2 NO. OF CASES= 3147.

STATION 033 43.75N 78.85W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0- LONGER	
0.00-0.24	.	1712	8	1	.	.	.	.	.	.	1721
0.25-0.49	.	642	67	.	.	.	.	.	.	.	709
0.50-0.74	.	379	128	5	.	.	.	.	.	.	594
0.75-0.99	.	41	88	39	5	.	.	.	.	.	172
1.00-1.24	.	.	38	62	10	.	.	.	.	.	110
1.25-1.49	.	.	.	16	12	.	.	.	.	.	28
1.50-1.74	.	.	2	8	.	.	.	.	.	.	22
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2774	365	184	38	3	0	0	0	0	3156

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 3.3 NO. OF CASES= 3156.

STATION 033 43.75N 78.85W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.00-0.24	.	2337	11	3	.	.	.	.	.	.	2348
0.25-0.49	.	964	27	40	.	.	.	.	.	.	1024
0.50-0.74	.	432	222	68	3	.	.	.	.	.	694
0.75-0.99	.	38	168	145	10	.	.	.	.	.	297
1.00-1.24	.	.	100	36	28	.	.	.	.	.	255
1.25-1.49	.	.	2	4	38	2	.	.	.	.	76
1.50-1.74	.	.	.	.	24	3	.	.	.	.	60
1.75-1.99	.	.	.	.	9	4	.	.	.	.	28
2.00-2.24	.	.	.	.	.	3	.	.	.	.	41
2.25-2.49	.	.	.	.	.	7	.	.	.	.	11
2.50-2.74	.	.	.	.	.	4	.	.	.	.	11
2.75-2.99	.	.	.	.	.	3	.	.	.	.	3
3.00-3.24	.	.	.	.	.	4	.	.	.	.	4
3.25-3.49	.	.	.	.	.	1	.	.	.	.	1
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3771	580	348	132	22	0	0	0	0	4550

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 3.4 NO. OF CASES= 4550.

STATION 033 43.75N 78.85W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.00-0.24	.	2163	12	4	.	.	.	.	.	.	2175
0.25-0.49	.	612	45	4	.	.	.	.	.	.	661
0.50-0.74	.	222	150	37	2	.	.	.	.	.	409
0.75-0.99	.	12	67	43	2	.	.	.	.	.	124
1.00-1.24	.	.	25	48	12	.	.	.	.	.	85
1.25-1.49	.	.	.	24	7	.	.	.	.	.	31
1.50-1.74	.	.	.	17	4	1	.	.	.	.	22
1.75-1.99	.	.	.	2	4	.	.	.	.	.	6
2.00-2.24	.	.	.	.	4	1	.	.	.	.	5
2.25-2.49	.	.	.	.	1	.	1	.	.	.	2
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	1	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3009	299	175	35	3	1	0	0	0	3304

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.2 NO. OF CASES= 3304.

STATION 033 43.75N 78.85W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.00-0.24	.	2734	6	1	.	.	.	.	.	.	2741
0.25-0.49	.	511	52	3	.	.	.	.	.	.	566
0.50-0.74	.	158	125	44	1	.	.	.	.	.	328
0.75-0.99	.	2	48	27	3	.	.	.	.	.	80
1.00-1.24	.	.	10	23	7	.	.	.	.	.	40
1.25-1.49	.	.	.	8	5	.	.	.	.	.	13
1.50-1.74	.	.	.	5	.	.	.	.	.	.	5
1.75-1.99	.	.	.	.	1	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	1	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3405	241	111	17	1	0	0	0	0	3537

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 3.1 NO. OF CASES= 3537.

STATION 033 43.75N 78.85W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.00-0.24	.	2198	5	5	.	.	.	.	.	.	2203
0.25-0.49	.	706	32	3	.	.	.	.	.	.	743
0.50-0.74	.	306	155	39	1	.	.	.	.	.	501
0.75-0.99	.	10	96	33	1	.	.	.	.	.	140
1.00-1.24	.	.	35	43	3	.	.	.	.	.	81
1.25-1.49	.	.	.	33	.	.	.	.	.	.	33
1.50-1.74	.	.	.	11	1	.	.	.	.	.	12
1.75-1.99	.	.	.	6	1	.	.	.	.	.	7
2.00-2.24	.	.	.	.	4	.	.	.	.	.	4
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3220	323	170	14	0	0	0	0	0	3493

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.2 NO. OF CASES= 3493.

STATION 033 43.75N 78.85W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.00-0.24	.	3488	5	2	.	.	.	.	.	.	3495
0.25-0.49	.	1165	29	4	.	.	.	.	.	.	1198
0.50-0.74	.	524	156	13	.	.	.	.	.	.	693
0.75-0.99	.	28	134	10	6	.	.	.	.	.	178
1.00-1.24	.	1	101	40	2	.	.	.	.	.	144
1.25-1.49	.	.	7	33	1	.	.	.	.	.	41
1.50-1.74	.	.	.	37	1	.	.	.	.	.	38
1.75-1.99	.	.	.	6	4	1	.	.	.	.	11
2.00-2.24	.	.	.	.	8	.	.	.	.	.	8
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	5	.	.	.	.	.	5
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5206	432	145	28	1	0	0	0	0	5445

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.1 NO. OF CASES= 5445.

STATION 033 43.75N 78.85W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.00-0.24	.	4077	7	5	.	.	.	.	.	.	4084
0.25-0.49	.	1735	22	5	.	.	.	.	.	.	1762
0.50-0.74	.	768	315	11	.	.	.	.	.	.	1094
0.75-0.99	.	69	308	63	.	.	.	.	.	.	440
1.00-1.24	.	2	171	132	2	.	.	.	.	.	307
1.25-1.49	.	.	8	63	3	.	.	.	.	.	74
1.50-1.74	.	.	1	37	8	.	.	.	.	.	46
1.75-1.99	.	.	.	22	10	.	.	.	.	.	32
2.00-2.24	.	.	.	.	18	.	.	.	.	.	18
2.25-2.49	.	.	.	.	5	.	.	.	.	.	5
2.50-2.74	.	.	.	.	2	2	.	.	.	.	4
2.75-2.99	.	.	.	.	2	1	.	.	.	.	3
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	1	.	.	.	.	1
3.50+	.	.	.	.	.	1	.	.	.	.	1
TOTAL	0	6651	832	333	53	7	0	0	0	0	7375

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 3.2 NO. OF CASES= 7375.

STATION 033 43.75N 78.85W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.00-0.24	.	6245	22	6	.	.	.	.	.	.	6267
0.25-0.49	.	3113	352	6	.	.	.	.	.	.	3421
0.50-0.74	.	1349	1262	189	1	.	.	.	.	.	2782
0.75-0.99	.	121	1442	435	5	.	.	.	.	.	1103
1.00-1.24	.	.	528	528	3	.	.	.	.	.	851
1.25-1.49	.	.	288	216	49	1	.	.	.	.	299
1.50-1.74	.	.	23	136	132	1	.	.	.	.	268
1.75-1.99	.	.	.	34	72	1	.	.	.	.	107
2.00-2.24	.	.	.	4	120	7	.	.	.	.	131
2.25-2.49	.	.	.	.	43	2	.	.	.	.	45
2.50-2.74	.	.	.	.	27	56	.	.	.	.	83
2.75-2.99	.	.	.	.	.	43	.	.	.	.	43
3.00-3.24	.	.	.	.	.	41	.	.	.	.	42
3.25-3.49	.	.	.	.	.	11	1	.	.	.	12
3.50+	.	.	.	.	.	3	23	.	.	.	26
TOTAL	0	10828	2420	1548	495	165	24	0	0	0	14482

MEAN HS(M) = 0.5 LARGEST HS(M)= 4.8 MEAN TP(SEC)= 3.5 NO. OF CASES= 14482.

STATION 033 43.75N 78.85W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.00-0.24	.	4070	27	1	.	.	.	.	.	.	4098
0.25-0.49	.	2418	104	10	.	.	.	.	.	.	2533
0.50-0.74	.	1612	929	129	.	.	.	.	.	.	2670
0.75-0.99	.	122	940	236	1	.	.	.	.	.	1299
1.00-1.24	.	.	1008	454	41	.	.	.	.	.	1503
1.25-1.49	.	.	44	406	67	.	.	.	.	.	517
1.50-1.74	.	.	1	346	136	2	.	.	.	.	485
1.75-1.99	.	.	.	106	103	11	.	.	.	.	220
2.00-2.24	.	.	.	9	247	36	.	.	.	.	292
2.25-2.49	.	.	.	.	103	7	3	.	.	.	113
2.50-2.74	.	.	.	.	63	64	.	.	.	.	127
2.75-2.99	.	.	.	.	7	57	.	.	.	.	64
3.00-3.24	.	.	.	.	2	81	.	.	.	.	83
3.25-3.49	.	.	.	.	1	29	16	.	.	.	46
3.50+	.	.	.	.	.	6	97	1	.	.	104
TOTAL	0	8223	3053	1697	771	293	116	1	0	0	13253

MEAN HS(M) = 0.7 LARGEST HS(M)= 4.9 MEAN TP(SEC)= 3.7 NO. OF CASES= 13253.



STATION 033 43.75N 78.85W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0- LONGER	
0.00-0.24	.	3327	14	1	.	.	.	.	.	.	3342
0.25-0.49	.	1696	20	5	.	.	.	.	.	.	1721
0.50-0.74	.	1191	414	11	1	.	.	.	.	.	1617
0.75-0.99	.	89	621	125	.	.	.	.	.	.	735
1.00-1.24	.	.	574	190	.	.	.	.	.	.	764
1.25-1.49	.	.	10	250	.	.	.	.	.	.	260
1.50-1.74	.	.	.	207	.	.	.	.	.	.	213
1.75-1.99	.	.	.	59	40	1	.	.	.	.	100
2.00-2.24	.	.	.	.	116	.	.	.	.	.	116
2.25-2.49	.	.	.	.	42	.	.	.	.	.	42
2.50-2.74	.	.	.	.	32	.	.	.	.	.	32
2.75-2.99	.	.	.	.	1	1	.	.	.	.	2
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	2	.	.	.	.	2
3.50+	.	.	.	.	.	1	.	.	.	.	1
TOTAL	0	6303	1653	748	238	6	0	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 3.4 NO. OF CASES= 8378.

STATION 033 43.75N 78.85W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0- LONGER	
0.00-0.24	.	2498	9	3	.	.	.	.	.	.	2510
0.25-0.49	.	1317	21	4	.	.	.	.	.	.	1342
0.50-0.74	.	1269	49	7	1	.	.	.	.	.	1326
0.75-0.99	.	163	216	6	.	.	.	.	.	.	385
1.00-1.24	.	2	251	45	.	.	.	.	.	.	298
1.25-1.49	.	.	66	69	.	.	.	.	.	.	135
1.50-1.74	.	.	3	104	5	.	.	.	.	.	112
1.75-1.99	.	.	.	22	.	.	.	.	.	.	22
2.00-2.24	.	.	.	8	18	.	.	.	.	.	26
2.25-2.49	.	.	.	.	5	.	.	.	.	.	5
2.50-2.74	.	.	.	.	6	.	.	.	.	.	6
2.75-2.99	.	.	.	.	1	.	.	.	.	.	1
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	1
TOTAL	0	5249	615	268	36	2	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 3.2 NO. OF CASES= 5779.

STATION 033 43.75N 78.85W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0- LONGER	
0.00-0.24	.	3081	23	5	.	.	.	.	.	.	3109
0.25-0.49	.	1143	51	9	1	.	.	.	.	.	1204
0.50-0.74	.	1161	14	16	.	.	.	.	.	.	1191
0.75-0.99	.	203	90	2	2	.	.	.	.	.	297
1.00-1.24	.	.	105	26	2	.	.	.	.	.	113
1.25-1.49	.	.	57	23	.	.	.	.	.	.	80
1.50-1.74	.	.	1	62	.	.	.	.	.	.	63
1.75-1.99	.	.	.	8	.	.	.	.	.	.	8
2.00-2.24	.	.	.	3	.	.	.	.	.	.	3
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5588	341	134	5	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.1 NO. OF CASES= 5682.

STATION 033 43.75N 78.85W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

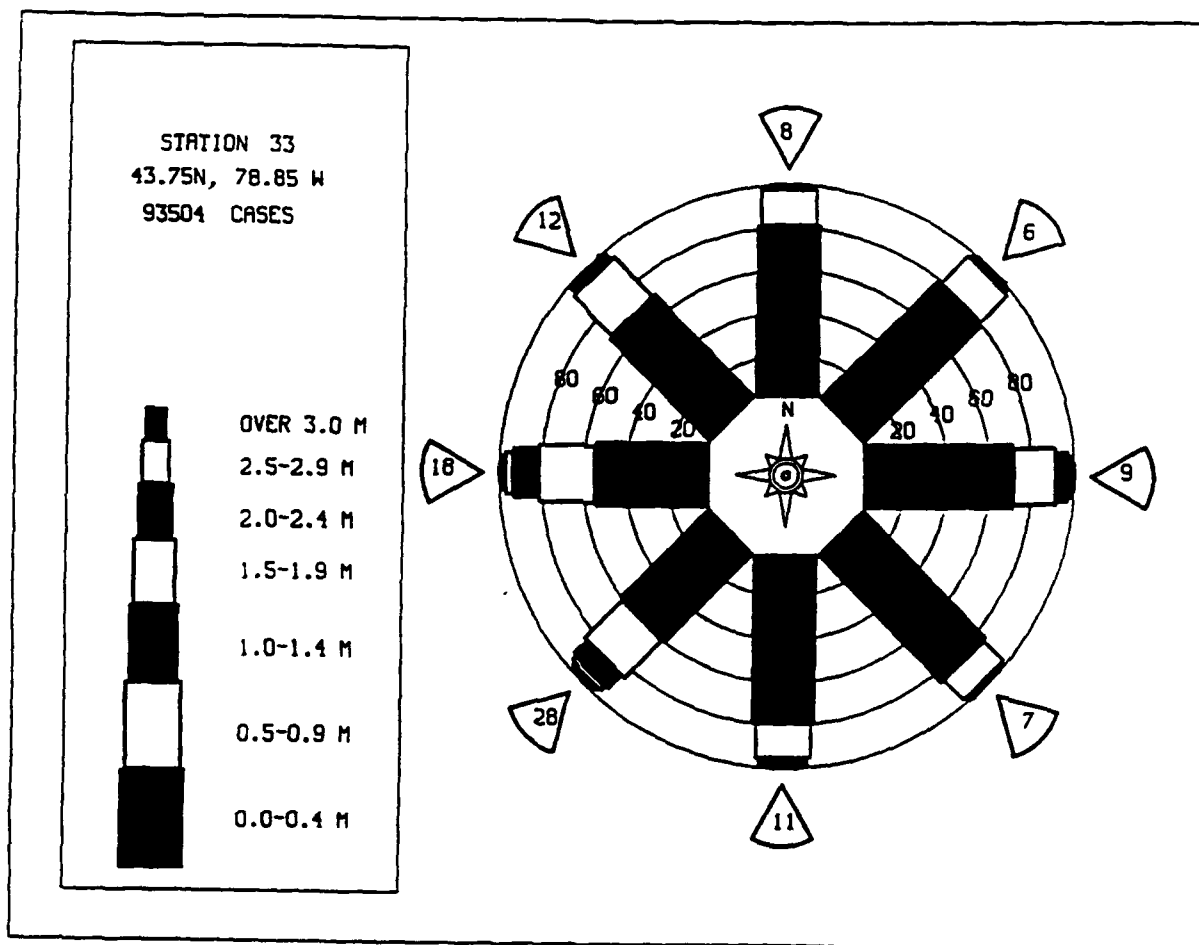
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0- LONGER	
0.00-0.24	.	2580	17	1	.	.	.	.	.	.	2608
0.25-0.49	.	1258	49	4	.	.	.	.	.	.	1311
0.50-0.74	.	1168	18	21	2	.	.	.	.	.	1209
0.75-0.99	.	205	66	2	1	.	.	.	.	.	273
1.00-1.24	.	.	118	2	4	.	.	.	.	.	124
1.25-1.49	.	.	33	12	.	.	.	.	.	.	65
1.50-1.74	.	.	1	3	.	.	.	.	.	.	32
1.75-1.99	.	.	.	3	.	.	.	.	.	.	3
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5221	322	75	7	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.1 NO. OF CASES= 5266.

STATION 033 43.75N 78.85W FOR ALL DIRECTIONS  
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.00-0.24	.	4642	23	1	.	.	.	.	.	.	4666
0.25-0.49	.	1964	108	8	.	.	.	.	.	.	2080
0.50-0.74	.	1162	416	72	1	.	.	.	.	.	1651
0.75-0.99	.	122	349	105	4	.	.	.	.	.	580
1.00-1.24	.	.	290	178	16	.	.	.	.	.	484
1.25-1.49	.	.	30	122	18	.	.	.	.	.	170
1.50-1.74	.	.	1	103	35	.	.	.	.	.	139
1.75-1.99	.	.	.	27	26	1	.	.	.	.	54
2.00-2.24	.	.	.	2	58	4	.	.	.	.	64
2.25-2.49	.	.	.	.	22	1	.	.	.	.	23
2.50-2.74	.	.	.	.	14	13	.	.	.	.	27
2.75-2.99	.	.	.	.	1	11	.	.	.	.	12
3.00-3.24	.	.	.	.	.	13	.	.	.	.	13
3.25-3.49	.	.	.	.	.	4	1	.	.	.	5
3.50+	.	.	.	.	.	1	12	.	.	.	13
TOTAL	0	7890	1217	618	195	48	13	0	0	0	93504

MEAN HS(M)= 0.4 LARGEST HS(M)= 4.9 MEAN TP(SEC)= 3.3 TOTAL CASES= 93504.



MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 033 (43.75N 78.85W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.4	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1957	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1958	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1959	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1960	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1961	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1962	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1963	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1964	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1965	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1966	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1967	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1968	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1969	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1970	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1971	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1972	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1973	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1974	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1975	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1976	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1977	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1978	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1979	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1980	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1981	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1982	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1983	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1984	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1985	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1986	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
1987	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.4
MEAN	0.6	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.3	0.4	0.5	0.5	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 033 (43.75N 78.85W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1957	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1958	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1959	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1960	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1961	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1962	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1963	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1964	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1965	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1966	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1967	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1968	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1969	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1970	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1971	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1972	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1973	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1974	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1975	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1976	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1977	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1978	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1979	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1980	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1981	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1982	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1983	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1984	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1985	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1986	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1987	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

32 YR. STATISTICS FOR WIS STATION 033

MEAN SIGNIFICANT WAVE HEIGHT . . . . . (METERS)	0.4
MEAN PEAK WAVE PERIOD . . . . . (SECONDS)	3.3
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND . . (DEGREES)	225.0
STANDARD DEVIATION OF WAVE HS . . . . . (METERS)	0.5
STANDARD DEVIATION OF WAVE TP . . . . . (SECONDS)	0.7
LARGEST WAVE HS . . . . . (METERS)	4.9
WAVE TP ASSOCIATED WITH LARGEST WAVE HS . . . . . (SECONDS)	9.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS . . (DEGREES)	245.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)	75022609

STATION 034 43.75N 79.05W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4742	50	4	.	.	.	.	.	.	4796
0.25-0.49	.	2000	133	11	.	.	.	.	.	.	2144
0.50-0.74	.	875	58	68	3	.	.	.	.	.	1004
0.75-0.99	.	78	1	16	9	.	.	.	.	.	104
1.00-1.24	.	1	105	7	8	.	.	.	.	.	121
1.25-1.49	.	.	20	.	1	.	.	.	.	.	21
1.50-1.74	.	.	3	.	1	.	.	.	.	.	4
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	7696	370	106	22	0	0	0	0	0	7670

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.5 MEAN TP(SEC)= 3.1 NO. OF CASES= 7670.

STATION 034 43.75N 79.05W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2206	13	2	.	.	.	.	.	.	2221
0.25-0.49	.	594	65	7	.	.	.	.	.	.	666
0.50-0.74	.	349	68	29	3	.	.	.	.	.	449
0.75-0.99	.	29	6	32	10	.	.	.	.	.	77
1.00-1.24	.	.	18	11	14	.	.	.	.	.	43
1.25-1.49	.	.	6	.	6	.	.	.	.	.	12
1.50-1.74	.	.	1	2	1	.	.	.	.	.	4
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3178	177	83	34	0	0	0	0	0	3256

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.1 NO. OF CASES= 3256.

STATION 034 43.75N 79.05W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1856	17	.	.	.	.	.	.	.	1873
0.25-0.49	.	518	88	3	.	.	.	.	.	.	609
0.50-0.74	.	283	83	47	.	.	.	.	.	.	413
0.75-0.99	.	47	23	32	2	.	.	.	.	.	104
1.00-1.24	.	.	13	23	10	.	.	.	.	.	46
1.25-1.49	.	.	13	3	5	.	.	.	.	.	21
1.50-1.74	.	.	.	3	3	.	.	.	.	.	6
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	1	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2704	237	111	20	1	0	0	0	0	2881

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 3.2 NO. OF CASES= 2881.

STATION 034 43.75N 79.05W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1210	8	1	.	.	.	.	.	.	1219
0.25-0.49	.	527	57	1	.	.	.	.	.	.	585
0.50-0.74	.	332	105	48	1	.	.	.	.	.	486
0.75-0.99	.	47	63	53	2	.	.	.	.	.	165
1.00-1.24	.	.	36	47	10	.	.	.	.	.	93
1.25-1.49	.	.	7	12	9	.	.	.	.	.	28
1.50-1.74	.	.	1	7	8	.	.	.	.	.	16
1.75-1.99	.	.	.	1	5	1	.	.	.	.	7
2.00-2.24	.	.	.	.	4	3	.	.	.	.	7
2.25-2.49	.	.	.	.	3	.	.	.	.	.	3
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2116	277	170	43	4	0	0	0	0	2450

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.3 NO. OF CASES= 2450.

STATION 034 43.75N 79.05W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1577	12	.	.	.	.	.	.	.	1589
0.25-0.49	.	860	36	3	.	.	.	.	.	.	999
0.50-0.74	.	501	238	52	.	.	.	.	.	.	791
0.75-0.99	.	45	213	58	1	.	.	.	.	.	317
1.00-1.24	.	.	137	156	13	.	.	.	.	.	306
1.25-1.49	.	.	10	81	11	.	.	.	.	.	102
1.50-1.74	.	.	.	69	28	1	.	.	.	.	98
1.75-1.99	.	.	.	19	23	2	.	.	.	.	44
2.00-2.24	.	.	.	.	42	2	.	.	.	.	44
2.25-2.49	.	.	.	.	24	.	.	.	.	.	24
2.50-2.74	.	.	.	.	28	11	.	.	.	.	39
2.75-2.99	.	.	.	.	.	11	.	.	.	.	11
3.00-3.24	.	.	.	.	.	8	1	.	.	.	9
3.25-3.49	.	.	.	.	.	4	1	.	.	.	5
3.50+	.	.	.	.	.	.	2	.	.	.	2
TOTAL	0	3083	646	438	170	39	4	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 3.5 NO. OF CASES= 4112.

STATION 034 43.75N 79.05W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1656	14	1	.	.	.	.	.	.	1671
0.25-0.49	.	781	45	6	.	.	.	.	.	.	842
0.50-0.74	.	329	151	25	.	.	.	.	.	.	507
0.75-0.99	.	16	93	38	.	.	.	.	.	.	150
1.00-1.24	.	.	57	37	.	.	.	.	.	.	123
1.25-1.49	.	.	2	23	.	.	.	.	.	.	30
1.50-1.74	.	.	.	21	14	.	.	.	.	.	35
1.75-1.99	.	.	.	9	.	1	.	.	.	.	14
2.00-2.24	.	.	.	.	.	.	.	.	.	.	8
2.25-2.49	.	.	.	.	.	.	.	.	.	.	3
2.50-2.74	.	.	.	.	.	.	.	.	.	.	3
2.75-2.99	.	.	.	.	.	.	.	.	.	.	3
3.00-3.24	.	.	.	.	.	2	.	.	.	.	2
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2792	362	180	51	3	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 3.3 NO. OF CASES= 3180.

STATION 034 43.75N 79.05W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	3131	14	2	.	.	.	.	.	.	3147
0.25-0.49	.	805	71	11	.	.	.	.	.	.	887
0.50-0.74	.	195	166	43	3	.	.	.	.	.	407
0.75-0.99	.	6	40	35	3	.	.	.	.	.	83
1.00-1.24	.	.	11	17	3	1	.	.	.	.	32
1.25-1.49	.	.	.	7	1	.	.	.	.	.	8
1.50-1.74	.	.	.	2	.	.	.	.	.	.	2
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4137	302	117	9	1	0	0	0	0	

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.1 NO. OF CASES= 4278.

STATION 034 43.75N 79.05W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	3207	11	4	.	.	.	.	.	.	3222
0.25-0.49	.	851	44	8	.	.	.	.	.	.	903
0.50-0.74	.	207	91	32	.	.	.	.	.	.	330
0.75-0.99	.	26	39	16	.	.	.	.	.	.	81
1.00-1.24	.	.	11	11	1	.	.	.	.	.	43
1.25-1.49	.	2	1	10	.	.	.	.	.	.	11
1.50-1.74	.	.	.	12	1	.	.	.	.	.	13
1.75-1.99	.	.	.	5	1	.	.	.	.	.	6
2.00-2.24	.	.	.	.	3	.	.	.	.	.	3
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4283	215	98	7	0	0	0	0	0	

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.1 NO. OF CASES= 4323.

STATION 034 43.75N 79.05W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4296	13	4	.	.	.	.	.	.	4313
0.25-0.49	.	1366	40	3	.	.	.	.	.	.	1409
0.50-0.74	.	469	139	18	.	.	.	.	.	.	626
0.75-0.99	.	39	101	10	2	.	.	.	.	.	152
1.00-1.24	.	2	102	25	3	.	.	.	.	.	132
1.25-1.49	.	.	4	19	1	.	.	.	.	.	24
1.50-1.74	.	.	.	12	1	.	.	.	.	.	13
1.75-1.99	.	.	.	3	1	.	.	.	.	.	4
2.00-2.24	.	.	.	.	4	.	.	.	.	.	4
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	4	.	.	.	.	.	4
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6172	399	94	17	0	0	0	0	0	6257

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.1 NO. OF CASES= 6257.

STATION 034 43.75N 79.05W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4176	39	2	.	.	.	.	.	.	4217
0.25-0.49	.	1649	238	18	.	.	.	.	.	.	1905
0.50-0.74	.	691	377	98	1	.	.	.	.	.	1167
0.75-0.99	.	83	245	93	1	.	.	.	.	.	423
1.00-1.24	.	3	168	139	13	.	.	.	.	.	323
1.25-1.49	.	.	10	91	12	1	.	.	.	.	114
1.50-1.74	.	.	1	51	18	.	.	.	.	.	70
1.75-1.99	.	.	.	17	21	.	.	.	.	.	38
2.00-2.24	.	.	.	.	31	.	.	.	.	.	31
2.25-2.49	.	.	.	.	12	1	.	.	.	.	13
2.50-2.74	.	.	.	.	10	1	.	.	.	.	11
2.75-2.99	.	.	.	.	1	2	.	.	.	.	4
3.00-3.24	.	.	.	.	.	2	.	.	.	.	6
3.25-3.49	.	.	.	.	.	.	.	.	.	.	2
3.50+	.	.	.	.	.	.	.	.	.	.	1
TOTAL	0	6602	1078	509	122	13	1	0	0	0	7797

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 3.3 NO. OF CASES= 7797.

STATION 034 43.75N 79.05W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4994	140	5	.	.	.	.	.	.	5139
0.25-0.49	.	2211	417	50	.	.	.	.	.	.	2678
0.50-0.74	.	1438	587	301	2	.	.	.	.	.	2328
0.75-0.99	.	223	407	283	18	.	.	.	.	.	931
1.00-1.24	.	16	296	359	71	1	.	.	.	.	743
1.25-1.49	.	.	56	187	77	2	.	.	.	.	322
1.50-1.74	.	.	4	160	157	4	.	.	.	.	325
1.75-1.99	.	.	.	55	66	3	.	.	.	.	124
2.00-2.24	.	.	.	4	113	4	.	.	.	.	121
2.25-2.49	.	.	.	.	62	2	.	.	.	.	64
2.50-2.74	.	.	.	.	43	53	.	.	.	.	96
2.75-2.99	.	.	.	.	4	70	.	.	.	.	74
3.00-3.24	.	.	.	.	.	58	1	.	.	.	59
3.25-3.49	.	.	.	.	.	16	10	.	.	.	26
3.50+	.	.	.	.	.	9	60	.	.	.	69
TOTAL	0	8882	1907	1404	613	222	71	0	0	0	12263

MEAN HS(M) = 0.5 LARGEST HS(M)= 5.7 MEAN TP(SEC)= 3.6 NO. OF CASES= 12263.

STATION 034 43.75N 79.05W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	3052	35	5	.	.	.	.	.	.	3092
0.25-0.49	.	2255	27	4	.	.	.	.	.	.	2286
0.50-0.74	.	2030	62	32	2	.	.	.	.	.	2126
0.75-0.99	.	362	52	25	.	.	.	.	.	.	439
1.00-1.24	.	27	290	50	7	.	.	.	.	.	374
1.25-1.49	.	.	129	27	13	.	.	.	.	.	169
1.50-1.74	.	.	50	38	21	3	.	.	.	.	112
1.75-1.99	.	.	3	16	20	3	.	.	.	.	42
2.00-2.24	.	.	.	7	26	7	.	.	.	.	40
2.25-2.49	.	.	.	1	14	4	.	.	.	.	19
2.50-2.74	.	.	.	.	8	10	2	.	.	.	20
2.75-2.99	.	.	.	.	2	7	.	.	.	.	9
3.00-3.24	.	.	.	.	.	5	1	.	.	.	6
3.25-3.49	.	.	.	.	.	2	2	.	.	.	4
3.50+	.	.	.	.	.	3	7	.	.	.	10
TOTAL	0	7726	648	205	113	44	12	0	0	0	8197

MEAN HS(M) = 0.4 LARGEST HS(M)= 4.1 MEAN TP(SEC)= 3.2 NO. OF CASES= 8197.

STATION 034 43.75N 79.05W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		3416	23	3							3442
0.25-0.49		1740	23	7							1770
0.50-0.74		1380	8	19	1						1408
0.75-0.99		238	6	2							246
1.00-1.24		3	275		2						280
1.25-1.49			129	17							129
1.50-1.74			29	7							46
1.75-1.99				2							7
2.00-2.24											2
2.25-2.49											0
2.50-2.74					1						1
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	6777	493	57	4	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.1 NO. OF CASES= 6863.

STATION 034 43.75N 79.05W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		2536	20	4							2560
0.25-0.49		1296	25	4							1325
0.50-0.74		1315	7	10							1332
0.75-0.99		281	83	1							365
1.00-1.24		2	204								206
1.25-1.49			111	22							133
1.50-1.74			9	67							76
1.75-1.99				14							14
2.00-2.24				7							7
2.25-2.49					2						2
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	5430	459	129	2	0	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.1 NO. OF CASES= 5637.

STATION 034 43.75N 79.05W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		3677	37	3	1						3718
0.25-0.49		1291	37	12							1340
0.50-0.74		1198	15	14	1						1228
0.75-0.99		273	130	2	2						408
1.00-1.24			120								124
1.25-1.49			111	34							145
1.50-1.74				111							111
1.75-1.99				16							16
2.00-2.24				6							6
2.25-2.49					1						1
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	6442	451	198	5	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.1 NO. OF CASES= 6644.

STATION 034 43.75N 79.05W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

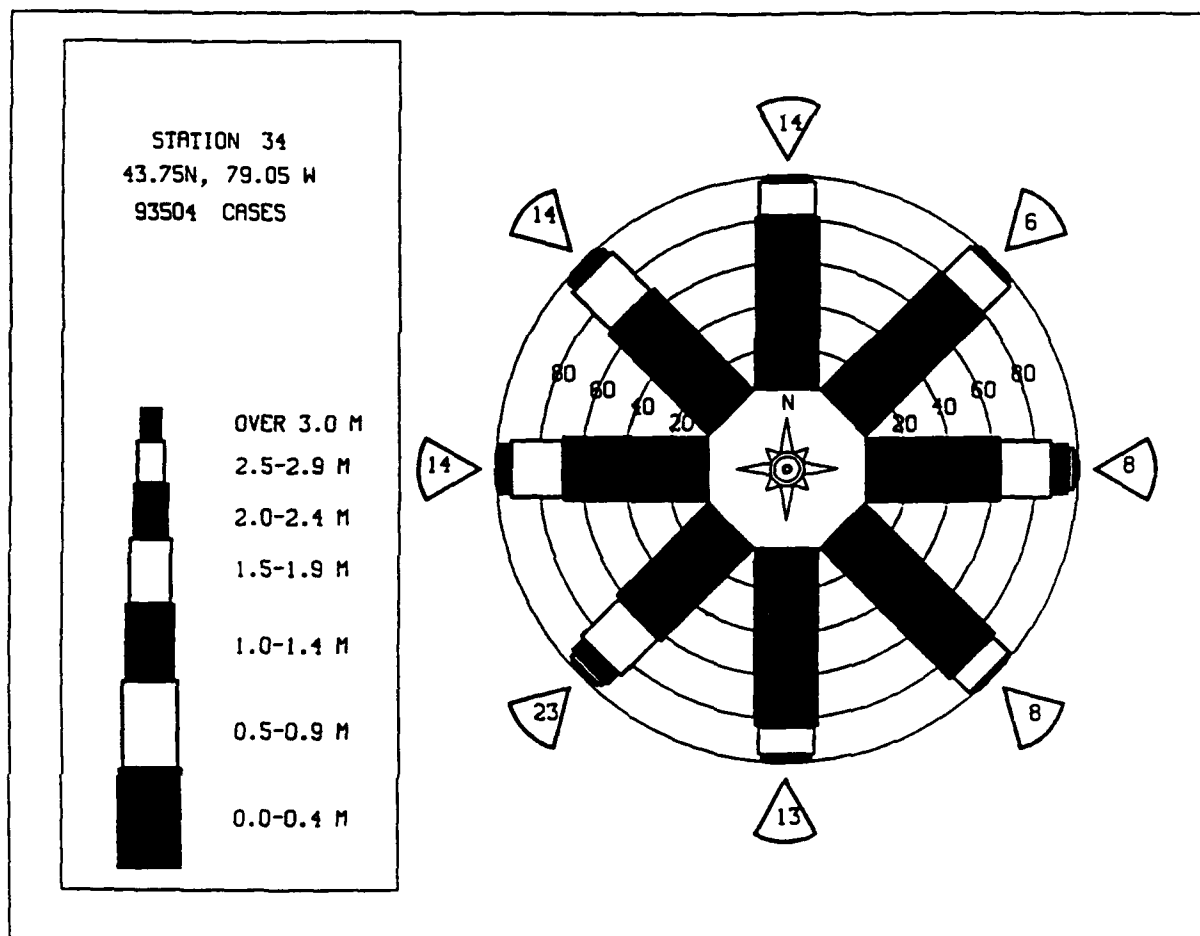
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		3800	32	16							3833
0.25-0.49		1795	72	1							1868
0.50-0.74		1609	23	32							1664
0.75-0.99		293	23	3	3						329
1.00-1.24		4	202	1							210
1.25-1.49			101	26							127
1.50-1.74			8	20							28
1.75-1.99				6							6
2.00-2.24											0
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	7501	535	175	11	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.1 NO. OF CASES= 7696.

STATION 034 43.75N 79.05W FOR ALL DIRECTIONS  
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4954	48	4	.	.	.	.	.	.	5006
0.25-0.49	.	2065	142	16	.	.	.	.	.	.	2223
0.50-0.74	.	1321	218	87	2	.	.	.	.	.	1628
0.75-0.99	.	209	160	70	5	.	.	.	.	.	444
1.00-1.24	.	6	207	90	17	.	.	.	.	.	320
1.25-1.49	.	.	71	54	14	.	.	.	.	.	139
1.50-1.74	.	.	10	65	25	.	.	.	.	.	100
1.75-1.99	.	.	.	18	14	1	.	.	.	.	33
2.00-2.24	.	.	.	3	23	1	.	.	.	.	27
2.25-2.49	.	.	.	.	12	.	.	.	.	.	12
2.50-2.74	.	.	.	.	10	7	.	.	.	.	17
2.75-2.99	.	.	.	.	.	9	.	.	.	.	9
3.00-3.24	.	.	.	.	.	8	1	.	.	.	8
3.25-3.49	.	.	.	.	.	2	7	.	.	.	3
3.50+	.	.	.	.	.	1	.	.	.	.	8
TOTAL	0	8555	856	407	122	29	8	0	0	0	93504

MEAN HS(M)= 0.4 LARGEST HS(M)= 5.7 MEAN TP(SEC)= 3.2 TOTAL CASES= 93504.





MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 034 (43.75N 79.05W)

	MONTH												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1957	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1958	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1959	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1960	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1961	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1962	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1963	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1964	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1965	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1966	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1967	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1968	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1969	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1970	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1971	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1972	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1973	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1974	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1975	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1976	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1977	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1978	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1979	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1980	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1981	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1982	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1983	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1984	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1985	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1986	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1987	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
MEAN	0.5	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.3	0.4	0.5	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 034 (43.75N 79.05W)

	MONTH												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	1.2	1.6	4.1	2.5	1.6	1.8	1.2	0.8	1.1	2.0	4.0	2.7	
1957	1.3	1.6	2.7	2.8	3.0	4.0	1.5	0.8	2.0	1.1	4.0	2.5	
1958	2.7	2.6	1.1	1.9	1.5	1.1	1.6	1.6	1.1	1.9	3.2	2.4	
1959	4.1	1.6	5.5	3.3	1.4	1.1	0.7	1.3	1.1	1.5	1.8	2.2	
1960	2.8	2.6	2.3	3.0	0.9	1.1	1.1	1.4	1.2	1.1	2.9	2.2	
1961	3.1	3.0	2.2	3.3	2.3	1.7	0.7	1.8	1.1	1.3	1.8	2.2	
1962	3.1	2.2	2.8	2.5	1.5	1.1	1.6	1.1	2.2	1.5	1.9	2.3	
1963	3.6	2.2	3.3	2.4	2.9	0.8	1.4	1.1	2.2	1.1	2.4	3.3	
1964	3.0	3.3	3.3	2.2	1.8	1.1	1.1	1.1	2.2	1.1	2.7	3.3	
1965	3.0	3.3	3.3	3.3	1.8	1.1	1.1	1.1	2.2	1.1	3.3	3.3	
1966	2.8	2.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2	1.1	3.3	3.3	
1967	2.9	2.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2	1.1	3.3	3.3	
1968	1.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2	1.1	3.3	3.3	
1969	1.6	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2	1.1	3.3	3.3	
1970	2.5	2.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2	1.1	3.3	3.3	
1971	2.5	2.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2	1.1	3.3	3.3	
1972	2.5	2.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2	1.1	3.3	3.3	
1973	2.8	2.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2	1.1	3.3	3.3	
1974	4.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2	1.1	3.3	3.3	
1975	2.2	2.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2	1.1	3.3	3.3	
1976	4.0	2.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2	1.1	3.3	3.3	
1977	3.8	2.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2	1.1	3.3	3.3	
1978	3.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2	1.1	3.3	3.3	
1979	2.7	2.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2	1.1	3.3	3.3	
1980	4.0	2.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2	1.1	3.3	3.3	
1981	1.8	2.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2	1.1	3.3	3.3	
1982	3.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2	1.1	3.3	3.3	
1983	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2	1.1	3.3	3.3	
1984	2.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2	1.1	3.3	3.3	
1985	3.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2	1.1	3.3	3.3	
1986	3.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2	1.1	3.3	3.3	
1987	1.8	1.6	2.5	2.5	2.8	2.2	1.1	1.1	1.3	1.3	2.5	3.3	

32 YR. STATISTICS FOR WIS STATION 034

MEAN SIGNIFICANT WAVE HEIGHT	(METERS)	0.4
MEAN PEAK WAVE PERIOD	(SECONDS)	3.2
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND	(DEGREES)	225.0
STANDARD DEVIATION OF WAVE HS	(METERS)	0.4
STANDARD DEVIATION OF WAVE TP	(SECONDS)	0.6
LARGEST WAVE HS	(METERS)	5.7
WAVE TP ASSOCIATED WITH LARGEST WAVE HS	(SECONDS)	9.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS	(DEGREES)	228.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		59031603

STATION 035 43.60N 79.25W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	5011	40	.	.	.	.	.	.	.	5051
0.25-0.49	.	2400	129	27	.	.	.	.	.	.	2556
0.50-0.74	.	1210	52	95	4	.	.	.	.	.	1361
0.75-0.99	.	119	17	14	11	.	.	.	.	.	161
1.00-1.24	.	1	145	9	11	1	.	.	.	.	167
1.25-1.49	.	.	29	.	2	.	.	.	.	.	31
1.50-1.74	.	.	11	1	3	3	.	.	.	.	18
1.75-1.99	.	.	.	.	1	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	8741	423	146	32	4	0	0	0	0	9750

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.1 NO. OF CASES= 8750.

STATION 035 43.60N 79.25W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1872	10	1	.	.	.	.	.	.	1883
0.25-0.49	.	619	53	9	.	.	.	.	.	.	681
0.50-0.74	.	279	87	29	2	.	.	.	.	.	397
0.75-0.99	.	13	39	11	7	.	.	.	.	.	70
1.00-1.24	.	1	50	13	9	.	.	.	.	.	73
1.25-1.49	.	.	6	5	6	.	.	.	.	.	17
1.50-1.74	.	.	.	11	7	.	.	.	.	.	18
1.75-1.99	.	.	.	2	.	.	.	.	.	.	2
2.00-2.24	.	.	.	1	3	.	.	.	.	.	4
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2784	245	82	34	0	0	0	0	0	2952

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.2 NO. OF CASES= 2952.

STATION 035 43.60N 79.25W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1713	7	.	.	.	.	.	.	.	1720
0.25-0.49	.	570	67	10	.	.	.	.	.	.	647
0.50-0.74	.	217	120	49	.	.	.	.	.	.	386
0.75-0.99	.	11	75	20	1	.	.	.	.	.	107
1.00-1.24	.	.	83	11	6	.	.	.	.	.	100
1.25-1.49	.	.	3	19	8	.	.	.	.	.	20
1.50-1.74	.	.	.	11	6	.	.	.	.	.	18
1.75-1.99	.	.	.	4	2	1	.	.	.	.	7
2.00-2.24	.	.	.	.	3	1	.	.	.	.	4
2.25-2.49	.	.	.	.	.	1	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	1	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2511	355	114	26	4	1	0	0	0	2825

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.2 NO. OF CASES= 2825.

STATION 035 43.60N 79.25W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-9.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1074	5	.	.	.	.	.	.	.	1079
0.25-0.49	.	555	36	3	.	.	.	.	.	.	594
0.50-0.74	.	268	145	33	1	.	.	.	.	.	447
0.75-0.99	.	23	99	41	1	.	.	.	.	.	164
1.00-1.24	.	.	82	71	14	.	.	.	.	.	164
1.25-1.49	.	.	3	22	14	.	.	.	.	.	35
1.50-1.74	.	.	.	9	15	.	.	.	.	.	36
1.75-1.99	.	.	.	.	4	1	.	.	.	.	15
2.00-2.24	.	.	.	.	2	.	.	.	.	.	10
2.25-2.49	.	.	.	.	2	.	.	.	.	.	8
2.50-2.74	.	.	.	.	1	2	.	.	.	.	3
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	1
TOTAL	0	1920	370	197	61	9	1	0	0	0	2403

MEAN HS(M) = 0.4 LARGEST HS(M)= 4.2 MEAN TP(SEC)= 3.4 NO. OF CASES= 2403.

STATION 035 43.60N 79.25W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

MEAN HS(M) = 0.6    LARGEST HS(M)= 4.1    MEAN TP(SEC)= 3.6    NO. OF CASES= 4255.

STATION 035 43.60N 79.25W AZIMUTH(DEGREES) =112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

MEAN HS(M) = 0.4    LARGEST HS(M)= 3.9    MEAN TP(SEC)= 3.2    NO. OF CASES= 3105.

STATION 035 43.60N 79.25W AZIMUTH(DEGREES) =135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

MEAN HS(M) = 0.2    LARGEST HS(M)= 1.8    MEAN TP(SEC)= 3.1    NO. OF CASES= 4268.

STATION 035 43.60N 79.25W AZIMUTH(DEGREES) =157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

MEAN HS(M) = 0.2    LARGEST HS(M) = 2.3    MEAN TP(SEC) = 3.1    NO. OF CASES = 4498.

STATION Q35 43.60N 79.25W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4243	14	1	.	.	.	.	.	.	4258
0.25-0.49	.	1455	25	3	.	.	.	.	.	.	1483
0.50-0.74	.	511	117	13	.	.	.	.	.	.	641
0.75-0.99	.	41	113	2	2	.	.	.	.	.	158
1.00-1.24	.	2	100	28	1	.	.	.	.	.	131
1.25-1.49	.	.	4	23	1	.	.	.	.	.	28
1.50-1.74	.	.	.	17	.	.	.	.	.	.	17
1.75-1.99	.	.	.	3	2	.	.	.	.	.	5
2.00-2.24	.	.	.	.	3	.	.	.	.	.	3
2.25-2.49	.	.	.	.	4	.	.	.	.	.	4
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6252	373	90	14	0	0	0	0	0	6301.

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.1 NO. OF CASES= 6301.

STATION Q35 43.60N 79.25W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3781	14	.	.	.	.	.	.	.	3795
0.25-0.49	.	1607	72	2	.	.	.	.	.	.	1681
0.50-0.74	.	693	320	16	1	.	.	.	.	.	1030
0.75-0.99	.	88	255	45	3	.	.	.	.	.	391
1.00-1.24	.	2	160	126	1	.	.	.	.	.	289
1.25-1.49	.	.	20	87	4	.	.	.	.	.	111
1.50-1.74	.	.	.	75	6	.	.	.	.	.	81
1.75-1.99	.	.	.	26	12	.	.	.	.	.	38
2.00-2.24	.	.	.	1	22	.	.	.	.	.	23
2.25-2.49	.	.	.	.	11	.	.	.	.	.	11
2.50-2.74	.	.	.	.	13	.	.	.	.	.	13
2.75-2.99	.	.	.	.	1	3	.	.	.	.	4
3.00-3.24	.	.	.	.	1	3	.	.	.	.	4
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6171	841	378	75	6	0	0	0	0	6999.

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 3.3 NO. OF CASES= 6999.

STATION Q35 43.60N 79.25W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4462	28	1	.	.	.	.	.	.	4491
0.25-0.49	.	2258	208	9	.	.	.	.	.	.	2485
0.50-0.74	.	1240	575	87	2	.	.	.	.	.	1904
0.75-0.99	.	167	466	177	4	.	.	.	.	.	814
1.00-1.24	.	12	286	328	14	.	.	.	.	.	640
1.25-1.49	.	.	42	284	10	.	.	.	.	.	336
1.50-1.74	.	.	.	232	37	1	.	.	.	.	270
1.75-1.99	.	.	.	58	75	.	.	.	.	.	133
2.00-2.24	.	.	.	6	90	.	.	.	.	.	96
2.25-2.49	.	.	.	.	83	.	.	.	.	.	83
2.50-2.74	.	.	.	.	74	26	.	.	.	.	100
2.75-2.99	.	.	.	.	4	26	.	.	.	.	30
3.00-3.24	.	.	.	.	1	38	.	.	.	.	39
3.25-3.49	.	.	.	.	.	8	.	.	.	.	8
3.50+	.	.	.	.	.	12	18	0	0	0	30
TOTAL	0	8149	1605	1182	394	111	18	0	0	0	10734.

MEAN HS(M) = 0.5 LARGEST HS(M)= 5.2 MEAN TP(SEC)= 3.5 NO. OF CASES= 10734.

STATION Q35 43.60N 79.25W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2958	19	.	.	.	.	.	.	.	2977
0.25-0.49	.	2218	33	6	1	.	.	.	.	.	2258
0.50-0.74	.	2039	105	9	.	1	.	.	.	.	2152
0.75-0.99	.	361	308	40	1	.	.	.	.	.	492
1.00-1.24	.	37	127	79	10	.	.	.	.	.	434
1.25-1.49	.	.	40	50	5	.	.	.	.	.	182
1.50-1.74	.	.	1	91	16	1	.	.	.	.	148
1.75-1.99	.	.	.	25	28	.	.	.	.	.	54
2.00-2.24	.	.	.	7	39	2	.	.	.	.	48
2.25-2.49	.	.	.	.	28	3	.	.	.	.	30
2.50-2.74	.	.	.	.	21	6	.	.	.	.	24
2.75-2.99	.	.	.	.	2	19	.	.	.	.	8
3.00-3.24	.	.	.	.	.	7	.	.	.	.	19
3.25-3.49	.	.	.	.	.	7	.	.	.	.	7
3.50+	.	.	.	.	.	.	.	.	.	.	12
TOTAL	0	7613	721	307	151	48	5	0	0	0	8285.

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 3.2 NO. OF CASES= 8285.

STATION 035 43.60N 79.25W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3593	25	2	.	.	.	.	.	.	3620
0.25-0.49	.	1713	24	5	.	.	.	.	.	.	1742
0.50-0.74	.	1406	3	11	1	.	.	.	.	.	1421
0.75-0.99	.	227	7	1	.	.	.	.	.	.	235
1.00-1.24	.	.	316	.	1	.	.	.	.	.	321
1.25-1.49	.	.	132	.	.	.	.	.	.	.	132
1.50-1.74	.	.	25	34	.	.	.	.	.	.	63
1.75-1.99	.	.	.	8	.	.	.	.	.	.	8
2.00-2.24	.	.	.	3	.	.	.	.	.	.	3
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6943	536	64	3	0	0	0	0	0	7064.

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.1 NO. OF CASES= 7064.

STATION 035 43.60N 79.25W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2526	17	2	.	.	.	.	.	.	2545
0.25-0.49	.	1353	21	5	1	.	.	.	.	.	1380
0.50-0.74	.	1375	6	14	2	.	.	.	.	.	1397
0.75-0.99	.	320	78	.	1	.	.	.	.	.	399
1.00-1.24	.	2	259	.	.	.	.	.	.	.	261
1.25-1.49	.	.	126	26	.	.	.	.	.	.	152
1.50-1.74	.	.	13	75	.	.	.	.	.	.	88
1.75-1.99	.	.	.	16	.	.	.	.	.	.	16
2.00-2.24	.	.	.	8	.	.	.	.	.	.	8
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5576	520	146	7	0	0	0	0	0	5852.

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.1 NO. OF CASES= 5852.

STATION 035 43.60N 79.25W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3567	26	5	.	.	.	.	.	.	3598
0.25-0.49	.	1344	28	10	.	.	.	.	.	.	1382
0.50-0.74	.	1321	3	18	2	.	.	.	.	.	1344
0.75-0.99	.	328	130	2	2	.	.	.	.	.	462
1.00-1.24	.	.	155	40	.	.	.	.	.	.	165
1.25-1.49	.	.	120	165	.	.	.	.	.	.	160
1.50-1.74	.	.	1	134	.	.	.	.	.	.	135
1.75-1.99	.	.	.	26	.	.	.	.	.	.	26
2.00-2.24	.	.	.	8	.	.	.	.	.	.	8
2.25-2.49	.	.	.	.	3	.	.	.	.	.	3
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6560	473	243	8	0	0	0	0	0	6821.

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.1 NO. OF CASES= 6821.

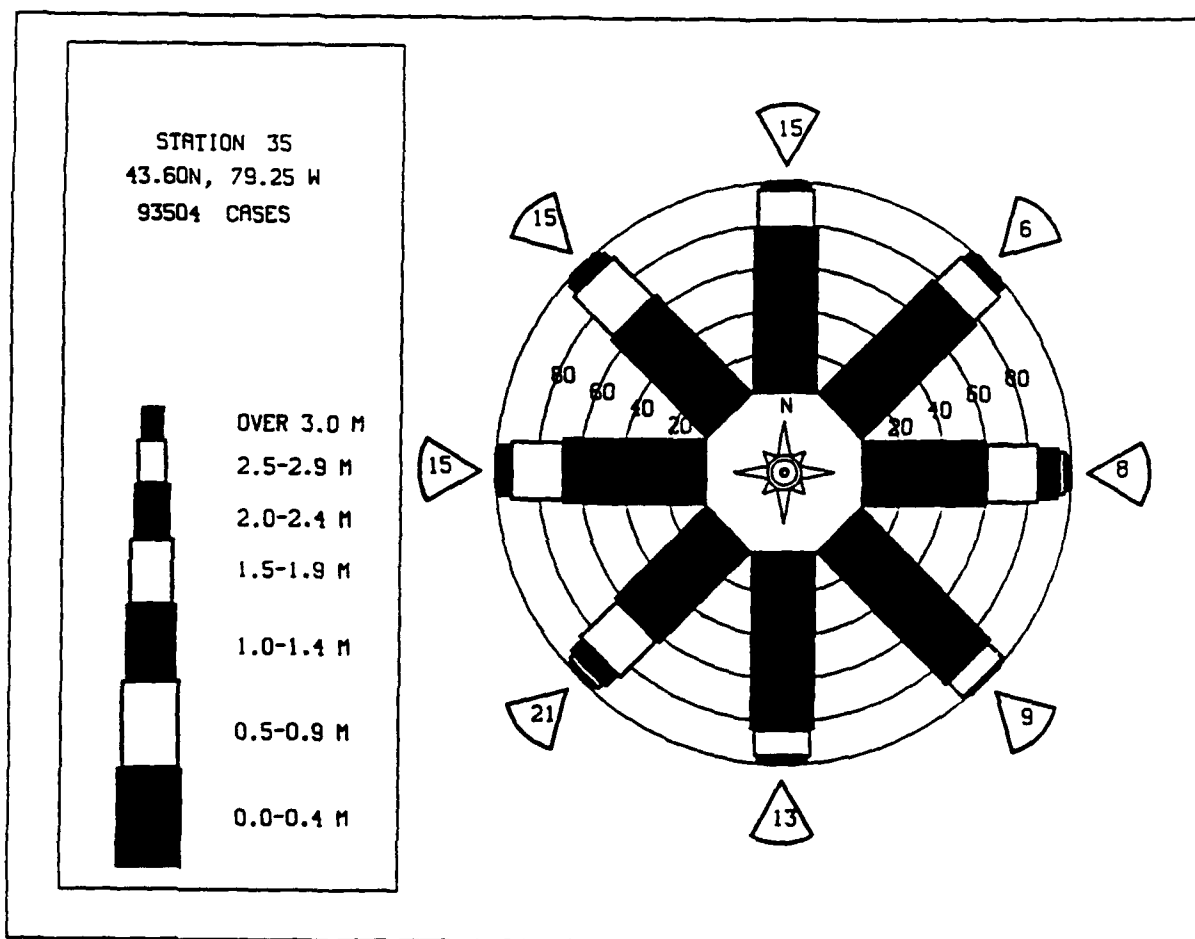
STATION 035 43.60N 79.25W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3835	29	2	.	.	.	.	.	.	3966
0.25-0.49	.	2027	63	11	.	.	.	.	.	.	2101
0.50-0.74	.	1772	17	33	5	.	.	.	.	.	1827
0.75-0.99	.	358	93	1	4	.	.	.	.	.	457
1.00-1.24	.	2	281	1	4	.	.	.	.	.	287
1.25-1.49	.	.	124	24	1	.	.	.	.	.	150
1.50-1.74	.	.	17	114	.	.	.	.	.	.	131
1.75-1.99	.	.	.	28	.	.	.	.	.	.	28
2.00-2.24	.	.	.	17	.	.	.	.	.	.	17
2.25-2.49	.	.	.	.	3	.	.	.	.	.	3
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	8093	623	230	17	0	0	0	0	0	8392.

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.1 NO. OF CASES= 8392.

STATION 035 43.60N 79.25W FOR ALL DIRECTIONS										
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
HEIGHT(METRES)	PEAK PERIOD(SECONDS)									
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0+ LONGER
0.00-0.24	.	4814	27	2	.	.	.	.	.	4843
0.25-0.49	.	2197	93	13	.	.	.	.	.	2303
0.50-0.74	.	1377	199	52	2	.	.	.	.	1630
0.75-0.99	.	217	187	46	4	.	.	.	.	454
1.00-1.24	.	6	252	87	9	.	.	.	.	354
1.25-1.49	.	.	75	72	13	.	.	.	.	154
1.50-1.74	.	.	11	94	13	.	.	.	.	118
1.75-1.99	.	.	.	24	16	.	.	.	.	39
2.00-2.24	.	.	.	5	2	.	.	.	.	28
2.25-2.49	.	.	.	.	1	.	.	.	.	16
2.50-2.74	.	.	.	.	14	.	.	.	.	15
2.75-2.99	.	.	.	.	.	5	.	.	.	5
3.00-3.24	.	.	.	.	.	8	.	.	.	8
3.25-3.49	.	.	.	.	.	1	.	.	.	1
3.50+	.	.	.	.	.	2	.	.	.	4
TOTAL	0	8611	844	395	103	21	2	0	0	93504

MEAN HS(M)= 0.4 LARGEST HS(M)= 5.2 MEAN TP(SEC)= 3.2 TOTAL CASES= 93504.



MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 035 (43.60N 79.25W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.3	0.0	0.4	0.3	0.2	0.3	0.0	0.2	0.2	0.0	0.3	0.3
1957	0.3	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1958	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.5	0.5	0.5	0.5	0.3	0.3	0.2	0.2	0.3	0.3	0.4	0.5	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 035 (43.60N 79.25W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.1	1.3	1.0	1.0	1.0	1.0	1.1	1.0	1.1	1.1	1.0	1.0	1.0
1957	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1958	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1959	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1960	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1961	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1962	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1963	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1964	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1965	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1966	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1967	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1968	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1969	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1970	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1971	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1972	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1973	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1974	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1975	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1976	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1977	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1978	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1979	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1980	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1981	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1982	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1983	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1984	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1985	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1986	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1987	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

32 YR. STATISTICS FOR WIS STATION 035

MEAN SIGNIFICANT WAVE HEIGHT	(METERS)	0.4
MEAN PEAK WAVE PERIOD	(SECONDS)	3.2
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND	(DEGREES)	225.0
STANDARD DEVIATION OF WAVE HS	(METERS)	0.4
STANDARD DEVIATION OF WAVE TP	(SECONDS)	0.6
LARGEST WAVE HS	(METERS)	5.2
WAVE TP ASSOCIATED WITH LARGEST WAVE HS	(SECONDS)	8.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS	(DEGREES)	233.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		59031603

STATION 036 43.45N 79.45W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	4992	45	2	.	.	.	.	.	.	5039
0.25-0.49	.	2427	135	38	1	.	.	.	.	.	2601
0.50-0.74	.	1248	62	118	6	.	.	.	.	.	1434
0.75-0.99	.	125	7	27	16	.	.	.	.	.	175
1.00-1.24	.	4	132	8	23	3	.	.	.	.	170
1.25-1.49	.	.	37	1	3	.	.	.	.	.	41
1.50-1.74	.	.	11	1	1	4	.	.	.	.	17
1.75-1.99	.	.	.	.	.	2	.	.	.	.	2
2.00-2.24	.	.	.	.	.	1	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	8796	429	195	50	10	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 3.1 NO. OF CASES= 8874.

STATION 036 43.45N 79.45W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1855	10	2	.	.	.	.	.	.	1867
0.25-0.49	.	630	52	11	.	.	.	.	.	.	693
0.50-0.74	.	240	108	63	3	.	.	.	.	.	414
0.75-0.99	.	12	28	34	5	.	.	.	.	.	79
1.00-1.24	.	3	19	20	14	.	.	.	.	.	56
1.25-1.49	.	.	8	16	5	.	.	.	.	.	29
1.50-1.74	.	.	.	10	3	.	.	.	.	.	18
1.75-1.99	.	.	.	4	4	1	.	.	.	.	9
2.00-2.24	.	.	.	.	1	.	.	.	.	.	4
2.25-2.49	.	.	.	.	2	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	2
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2740	223	160	42	5	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.2 NO. OF CASES= 2977.

STATION 036 43.45N 79.45W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1702	12	.	.	.	.	.	.	.	1714
0.25-0.49	.	566	69	12	.	.	.	.	.	.	647
0.50-0.74	.	179	152	72	1	.	.	.	.	.	404
0.75-0.99	.	10	55	37	3	.	.	.	.	.	105
1.00-1.24	.	.	17	64	12	.	.	.	.	.	93
1.25-1.49	.	.	1	19	5	.	.	.	.	.	25
1.50-1.74	.	.	.	8	6	1	.	.	.	.	15
1.75-1.99	.	.	.	.	10	3	.	.	.	.	13
2.00-2.24	.	.	.	.	10	1	.	.	.	.	11
2.25-2.49	.	.	.	.	3	1	.	.	.	.	4
2.50-2.74	.	.	.	.	1	.	1	.	.	.	2
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	1	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2457	306	212	51	6	2	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 3.3 NO. OF CASES= 2849.

STATION 036 43.45N 79.45W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1055	5	1	.	.	.	.	.	.	1061
0.25-0.49	.	545	45	3	.	.	.	.	.	.	593
0.50-0.74	.	239	143	62	1	.	.	.	.	.	445
0.75-0.99	.	20	94	62	1	.	.	.	.	.	177
1.00-1.24	.	.	55	110	12	.	.	.	.	.	177
1.25-1.49	.	.	2	33	19	1	.	.	.	.	55
1.50-1.74	.	.	.	22	23	.	.	.	.	.	45
1.75-1.99	.	.	.	10	6	5	.	.	.	.	21
2.00-2.24	.	.	.	1	4	2	.	.	.	.	7
2.25-2.49	.	.	.	.	5	2	2	.	.	.	9
2.50-2.74	.	.	.	.	6	3	.	.	.	.	9
2.75-2.99	.	.	.	.	1	1	.	.	.	.	2
3.00-3.24	.	.	.	.	.	2	1	.	.	.	3
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1859	344	304	78	16	5	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 4.2 MEAN TP(SEC)= 3.5 NO. OF CASES= 2447.



STATION 036 43.45N 79.45W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		1453	4	1							1458
0.25-0.49		1005	50	3							1058
0.50-0.74		543	234	54	1						832
0.75-0.99		60	223	85	3						371
1.00-1.24		1	185	143	22						351
1.25-1.49			16	122	20						158
1.50-1.74			1	97	29	2					129
1.75-1.99				23	20	3					46
2.00-2.24				1	67	4	1				73
2.25-2.49					24	1					25
2.50-2.74					18	22					40
2.75-2.99						26	1				27
3.00-3.24						23					23
3.25-3.49						2					3
3.50+							1				8
TOTAL	0	3062	713	529	204	83	11	0	0	0	4316

MEAN HS(M) = 0.6 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 3.6 NO. OF CASES= 4316.

STATION 036 43.45N 79.45W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		1623	13	1							1637
0.25-0.49		826	51	3							881
0.50-0.74		392	86	28	2						508
0.75-0.99		35	115	18	2						173
1.00-1.24			65	19	3						89
1.25-1.49			3	17	4						23
1.50-1.74				18	1						19
1.75-1.99				3	1						4
2.00-2.24					1						1
2.25-2.49					1						1
2.50-2.74					1						1
2.75-2.99					1						1
3.00-3.24						2					2
3.25-3.49						1					1
3.50+											0
TOTAL	0	2876	333	109	24	3	0	0	0	0	3136

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 3.2 NO. OF CASES= 3136.

STATION 036 43.45N 79.45W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		3224	19	5							3248
0.25-0.49		919	40	1							965
0.50-0.74		234	48	27							309
0.75-0.99		8	32	8	1						49
1.00-1.24			18	3							21
1.25-1.49			1	2							3
1.50-1.74				2							2
1.75-1.99											0
2.00-2.24											0
2.25-2.49					1						1
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	4385	158	49	6	0	0	0	0	0	4305

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.1 NO. OF CASES= 4305.

STATION 036 43.45N 79.45W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		3308	14	5							3327
0.25-0.49		1023	28	7							1056
0.50-0.74		224	30	12							256
0.75-0.99		24	33	3	3						60
1.00-1.24			28	1	3						32
1.25-1.49			2	3							5
1.50-1.74				3							3
1.75-1.99				2							2
2.00-2.24											0
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	4579	123	37	6	0	0	0	0	0	4445

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.0 NO. OF CASES= 4445.

STATION 036 43.45N 79.45W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		4129	8	1							4138
0.25-0.49		1235	21	6							1262
0.50-0.74		583	13	9							607
0.75-0.99		75	87	3	1						166
1.00-1.24		1	79		1						81
1.25-1.49			8	8							16
1.50-1.74				12							12
1.75-1.99				3							3
2.00-2.24				1	3						4
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	6023	216	43	7	0	0	0	0	0	6289

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 3.1 NO. OF CASES= 5889.

STATION 036 43.45N 79.45W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		3280	8	1							3289
0.25-0.49		1420	11	1							1435
0.50-0.74		741	137	4	1						883
0.75-0.99		103	217	2	2						327
1.00-1.24		2	232	26	3						263
1.25-1.49			18	32							70
1.50-1.74				35							37
1.75-1.99				25	1						26
2.00-2.24				5	17						22
2.25-2.49					2						2
2.50-2.74					1						0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	5546	623	178	31	0	0	0	0	0	5972

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 3.2 NO. OF CASES= 5972.

STATION 036 43.45N 79.45W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		4190	24	1							4215
0.25-0.49		2105	14	7	1						2127
0.50-0.74		1170	325	8	1						1504
0.75-0.99		119	391	4							514
1.00-1.24		6	582	60							648
1.25-1.49			151	151							185
1.50-1.74			34	151							151
1.75-1.99				67	19						86
2.00-2.24				10	106						116
2.25-2.49					35						35
2.50-2.74					31						31
2.75-2.99					14						14
3.00-3.24					2	9					11
3.25-3.49						2					2
3.50+						4	3				7
TOTAL	0	7590	1370	458	209	15	3	0	0	0	9033

MEAN HS(M) = 0.5 LARGEST HS(M)= 4.4 MEAN TP(SEC)= 3.3 NO. OF CASES= 9033.

STATION 036 43.45N 79.45W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		3313	16	2							3331
0.25-0.49		2350	21	5	2						2378
0.50-0.74		2084	140	6	1						2231
0.75-0.99		370	199	24	1						594
1.00-1.24		40	483	56							579
1.25-1.49			114	97							211
1.50-1.74			27	130	3						160
1.75-1.99				69	8						77
2.00-2.24				8	83						91
2.25-2.49					28						28
2.50-2.74					27						27
2.75-2.99					16						16
3.00-3.24						5					5
3.25-3.49						3					3
3.50+						1					1
TOTAL	0	8157	1000	397	169	9	0	0	0	0	9112

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 3.2 NO. OF CASES= 9112.

STATION 036 43.45N 79.45W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4032	34	7	.	.	.	.	.	.	4073
0.25-0.49	.	1978	24	10	.	.	.	.	.	.	2012
0.50-0.74	.	1572	1	8	.	.	.	.	.	.	1681
0.75-0.99	.	223	3	.	1	.	.	.	.	.	227
1.00-1.24	.	.	372	.	1	.	.	.	.	.	374
1.25-1.49	.	.	127	.	.	.	.	.	.	.	127
1.50-1.74	.	.	29	40	.	.	.	.	.	.	69
1.75-1.99	.	.	.	10	.	.	.	.	.	.	10
2.00-2.24	.	.	.	2	.	.	.	.	.	.	2
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	7906	590	77	3	0	0	0	0	0	8027.

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.1 NO. OF CASES= 8027.

STATION 036 43.45N 79.45W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2739	23	2	.	.	.	.	.	.	2764
0.25-0.49	.	1538	23	8	1	.	.	.	.	.	1570
0.50-0.74	.	1545	4	11	.	.	.	.	.	.	1560
0.75-0.99	.	350	71	.	.	.	.	.	.	.	421
1.00-1.24	.	2	296	.	.	.	.	.	.	.	298
1.25-1.49	.	.	142	27	.	.	.	.	.	.	169
1.50-1.74	.	.	16	75	.	.	.	.	.	.	91
1.75-1.99	.	.	.	14	.	.	.	.	.	.	14
2.00-2.24	.	.	.	9	.	.	.	.	.	.	9
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	2	.	.	.	.	.	2
2.75-2.99	.	.	.	.	1	.	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6174	575	146	4	0	0	0	0	0	6461.

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.1 NO. OF CASES= 6461.

STATION 036 43.45N 79.45W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3721	27	7	.	.	.	.	.	.	3755
0.25-0.49	.	1402	33	10	.	.	.	.	.	.	1443
0.50-0.74	.	1402	3	14	3	.	.	.	.	.	1422
0.75-0.99	.	335	142	4	1	.	.	.	.	.	482
1.00-1.24	.	.	163	.	.	.	.	.	.	.	163
1.25-1.49	.	.	130	40	.	.	.	.	.	.	170
1.50-1.74	.	.	.	139	.	.	.	.	.	.	139
1.75-1.99	.	.	.	26	.	.	.	.	.	.	26
2.00-2.24	.	.	.	10	.	.	.	.	.	.	10
2.25-2.49	.	.	.	.	3	.	.	.	.	.	3
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6860	498	250	8	0	0	0	0	0	7130.

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.1 NO. OF CASES= 7130.

STATION 036 43.45N 79.45W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

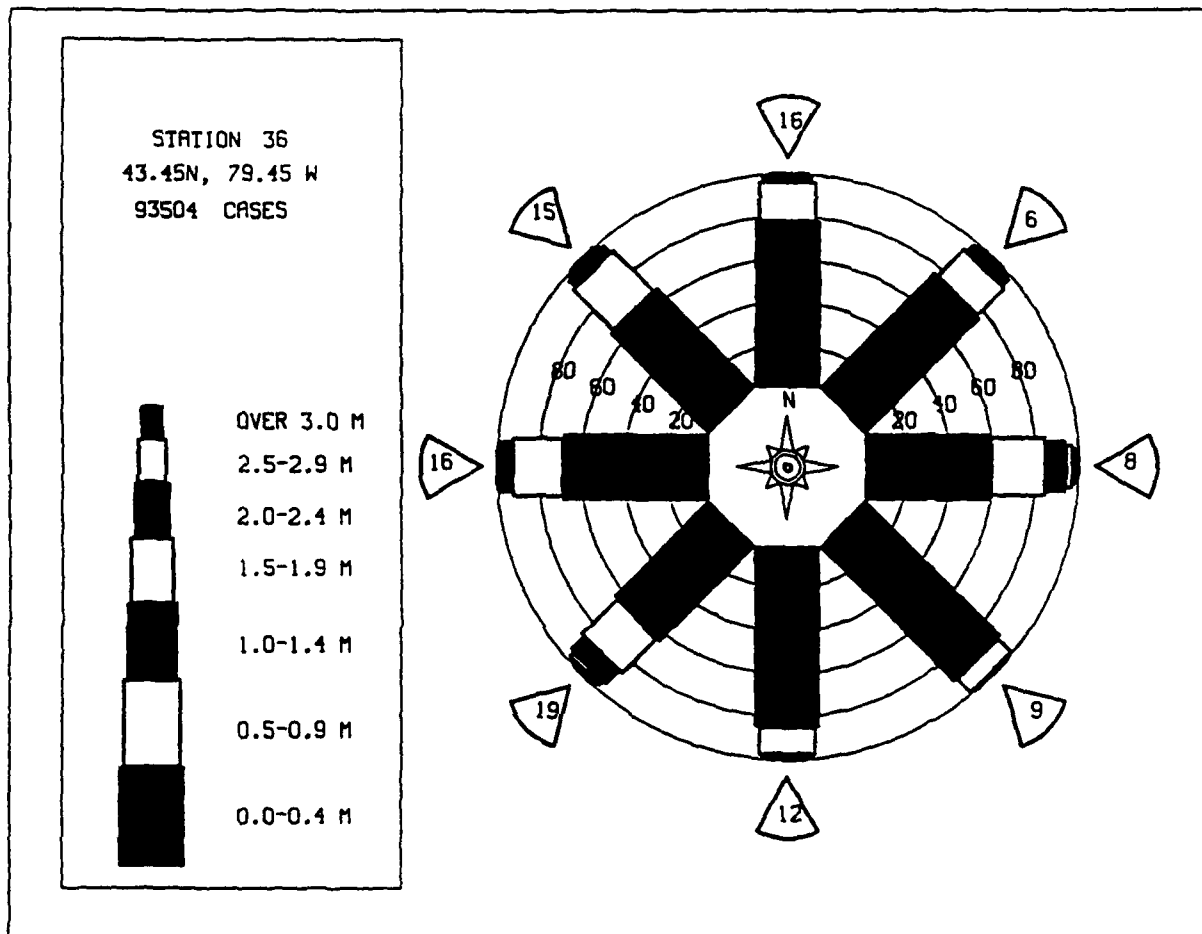
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3985	36	3	.	.	.	.	.	.	4034
0.25-0.49	.	2052	65	24	.	.	.	.	.	.	2141
0.50-0.74	.	1767	13	42	.	.	.	.	.	.	1827
0.75-0.99	.	374	86	4	2	.	.	.	.	.	477
1.00-1.24	.	1	278	1	6	.	.	.	.	.	287
1.25-1.49	.	.	136	27	1	1	.	.	.	.	165
1.50-1.74	.	.	13	117	.	1	.	.	.	.	131
1.75-1.99	.	.	.	28	.	.	.	.	.	.	28
2.00-2.24	.	.	.	18	.	.	.	.	.	.	18
2.25-2.49	.	.	.	1	3	.	.	.	.	.	4
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	8189	637	265	17	4	0	0	0	0	8531.

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.1 NO. OF CASES= 8531.

STATION 036 43.45N 79.45W FOR ALL DIRECTIONS  
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4861	30	4	.	.	.	.	.	.	4895
0.25-0.49	.	2203	68	16	.	.	.	.	.	.	2287
0.50-0.74	.	1426	149	54	2	.	.	.	.	.	1631
0.75-0.99	.	225	178	31	4	.	.	.	.	.	439
1.00-1.24	.	6	300	51	11	.	.	.	.	.	368
1.25-1.49	.	.	78	62	5	.	.	.	.	.	145
1.50-1.74	.	.	10	89	7	1	.	.	.	.	107
1.75-1.99	.	.	.	29	7	1	.	.	.	.	37
2.00-2.24	.	.	.	6	29	.	.	.	.	.	35
2.25-2.49	.	.	.	.	10	.	.	.	.	.	10
2.50-2.74	.	.	.	.	9	2	.	.	.	.	11
2.75-2.99	.	.	.	.	3	2	.	.	.	.	5
3.00-3.24	.	.	.	.	.	4	.	.	.	.	4
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	1	.	.	.	1
TOTAL	0	8721	814	342	87	10	1	0	0	0	

MEAN HS(M)= 0.4 LARGEST HS(M)= 4.4 MEAN TP(SEC)= 3.2 TOTAL CASES= 93504.



# MEAN HS(METERS) BY MONTH AND YEAR

WIS STATION 036 (43.45N 79.45W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1957	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1958	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1959	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1960	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1961	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1962	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1963	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1964	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1965	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1966	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1967	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1968	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1969	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1970	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1971	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1972	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1973	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1974	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1975	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1976	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1977	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1978	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1979	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1980	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1981	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1982	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1983	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1984	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1985	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1986	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
1987	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.3
MEAN	0.5	0.5	0.5	0.5	0.3	0.3	0.2	0.2	0.3	0.3	0.4	0.5	

## LARGEST HS(METERS) BY MONTH AND YEAR

WIS STATION 036 (43.45N 79.45W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1957	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1958	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1959	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1960	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1961	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1962	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1963	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1964	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1965	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1966	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1967	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1968	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1969	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1970	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1971	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1972	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1973	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1974	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1975	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1976	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1977	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1978	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1979	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1980	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1981	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1982	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1983	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1984	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1985	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1986	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	
1987	1.1	1.7	2.3	2.3	1.7	1.1	1.1	1.0	1.0	2.3	2.3	2.1	

## 32 YR. STATISTICS FOR WIS STATION 036

MEAN SIGNIFICANT WAVE HEIGHT . . . . . (METERS)	0.4
MEAN PEAK WAVE PERIOD . . . . . (SECONDS)	3.2
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND . . (DEGREES)	247.5
STANDARD DEVIATION OF WAVE HS . . . . . (METERS)	0.4
STANDARD DEVIATION OF WAVE TP . . . . . (SECONDS)	0.5
LARGEST WAVE HS . . . . . (METERS)	4.4
WAVE TP ASSOCIATED WITH LARGEST WAVE HS . . . . . (SECONDS)	8.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS . . (DEGREES)	220.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)	59031600

STATION O37 43.45N 79.25W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	3891	20	2	.	.	.	.	.	.	3913
0.25-0.49	.	1626	97	13	.	.	.	.	.	.	1736
0.50-0.74	.	973	45	53	3	.	.	.	.	.	1074
0.75-0.99	.	98	241	24	5	.	.	.	.	.	368
1.00-1.24	.	.	155	12	10	1	.	.	.	.	178
1.25-1.49	.	.	6	36	4	.	.	.	.	.	46
1.50-1.74	.	.	1	67	5	1	.	.	.	.	74
1.75-1.99	.	.	.	22	.	.	.	.	.	.	22
2.00-2.24	.	.	.	7	.	3	.	.	.	.	10
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6588	565	236	28	5	0	0	0	0	6951

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.2 NO. OF CASES= 6951.

STATION O37 43.45N 79.25W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	2285	3	.	.	.	.	.	.	.	2288
0.25-0.49	.	650	58	6	.	.	.	.	.	.	714
0.50-0.74	.	304	127	64	1	.	.	.	.	.	496
0.75-0.99	.	28	51	47	3	.	.	.	.	.	129
1.00-1.24	.	.	23	25	13	.	.	.	.	.	61
1.25-1.49	.	.	1	10	10	1	.	.	.	.	22
1.50-1.74	.	.	.	12	3	5	.	.	.	.	20
1.75-1.99	.	.	.	1	2	1	.	.	.	.	4
2.00-2.24	.	.	.	.	2	2	.	.	.	.	8
2.25-2.49	.	.	.	.	1	.	.	.	.	.	2
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3267	263	165	41	9	0	0	0	0	3512

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.2 NO. OF CASES= 3512.

STATION O37 43.45N 79.25W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1918	8	.	.	.	.	.	.	.	1926
0.25-0.49	.	580	50	5	.	.	.	.	.	.	635
0.50-0.74	.	203	174	67	.	.	.	.	.	.	444
0.75-0.99	.	14	57	64	2	.	.	.	.	.	137
1.00-1.24	.	.	24	71	12	.	.	.	.	.	107
1.25-1.49	.	.	.	33	4	.	.	.	.	.	37
1.50-1.74	.	.	.	17	13	2	.	.	.	.	32
1.75-1.99	.	.	.	2	10	1	.	.	.	.	13
2.00-2.24	.	.	.	.	13	3	.	.	.	.	16
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	2
2.75-2.99	.	.	.	.	2	2	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2715	313	259	57	8	0	0	0	0	3145

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 3.3 NO. OF CASES= 3145.

STATION O37 43.45N 79.25W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1237	5	.	.	.	.	.	.	.	1242
0.25-0.49	.	532	31	.	.	.	.	.	.	.	563
0.50-0.74	.	299	174	43	.	.	.	.	.	.	516
0.75-0.99	.	21	104	89	2	.	.	.	.	.	216
1.00-1.24	.	.	54	122	19	.	.	.	.	.	195
1.25-1.49	.	.	2	40	22	2	.	.	.	.	66
1.50-1.74	.	.	.	25	28	1	.	.	.	.	54
1.75-1.99	.	.	.	4	11	4	.	.	.	.	19
2.00-2.24	.	.	.	.	11	5	.	.	.	.	16
2.25-2.49	.	.	.	.	6	1	1	.	.	.	8
2.50-2.74	.	.	.	.	7	4	1	.	.	.	12
2.75-2.99	.	.	.	.	1	3	1	.	.	.	5
3.00-3.24	.	.	.	.	.	2	.	.	.	.	2
3.25-3.49	.	.	.	.	.	1	1	.	.	.	2
3.50+	.	.	.	.	.	.	.	.	.	.	2
TOTAL	0	2089	370	323	107	23	6	0	0	0	2742

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.7 MEAN TP(SEC)= 3.5 NO. OF CASES= 2742.

STATION 037 43.45N 79.25W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		1629	5								1634
0.25-0.49		943	40	3							986
0.50-0.74		498	218	51							767
0.75-0.99		50	199	83	2						334
1.00-1.24			142	117	19						278
1.25-1.49			8	85	13						106
1.50-1.74				58	21	5					84
1.75-1.99				21	18						39
2.00-2.24					41	1					42
2.25-2.49					20						20
2.50-2.74					22	7	1				30
2.75-2.99						12					12
3.00-3.24						7	1				8
3.25-3.49						1					1
3.50+							2				2
TOTAL	0	3120	612	418	156	33	4	0	0	0	4074

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.7 MEAN TP(SEC)= 3.5 NO. OF CASES= 4074.

STATION 037 43.45N 79.25W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		1815	10								1825
0.25-0.49		772	51	1							824
0.50-0.74		331	93	29	1						454
0.75-0.99		34	42	33	4						113
1.00-1.24			31	18	12						61
1.25-1.49			1	14	3						17
1.50-1.74				2	2						4
1.75-1.99											0
2.00-2.24											0
2.25-2.49											0
2.50-2.74					1	1					2
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	2952	228	100	25	1	0	0	0	0	3099

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.2 NO. OF CASES= 3099.

STATION 037 43.45N 79.25W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		3121	14	1							3136
0.25-0.49		672	39	6							717
0.50-0.74		236	42	32							310
0.75-0.99		23	5	6	3						40
1.00-1.24			3	5	5						13
1.25-1.49			1	2							3
1.50-1.74			1	1							2
1.75-1.99											0
2.00-2.24											0
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	4052	105	56	8	0	0	0	0	0	3954

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.1 NO. OF CASES= 3954.

STATION 037 43.45N 79.25W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		2982	12	3							2997
0.25-0.49		706	26	6							738
0.50-0.74		231	8	19	1						259
0.75-0.99		21	9	5	1						36
1.00-1.24			11	1							11
1.25-1.49			1								2
1.50-1.74											4
1.75-1.99				4							0
2.00-2.24											1
2.25-2.49				1							0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	3940	67	39	2	0	0	0	0	0	3782

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.0 NO. OF CASES= 3782.

STATION 037 43.45N 79.25W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3961	12	2	.	.	.	.	.	.	3975
0.25-0.49	.	1199	26	5	1	.	.	.	.	.	1231
0.50-0.74	.	470	12	11	.	.	.	.	.	.	493
0.75-0.99	.	57	60	3	2	.	.	.	.	.	123
1.00-1.24	.	1	67	1	9	.	.	.	.	.	71
1.25-1.49	.	.	13	9	.	.	.	.	.	.	22
1.50-1.74	.	.	.	10	.	.	.	.	.	.	10
1.75-1.99	.	.	.	2	3	.	.	.	.	.	2
2.00-2.24	.	.	.	1	.	.	.	.	.	.	4
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5688	190	44	9	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.1 NO. OF CASES= 5556.

STATION 037 43.45N 79.25W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3510	7	1	.	.	.	.	.	.	3518
0.25-0.49	.	1592	8	2	.	.	.	.	.	.	1602
0.50-0.74	.	827	90	2	1	.	.	.	.	.	920
0.75-0.99	.	95	203	6	1	.	.	.	.	.	305
1.00-1.24	.	2	203	11	2	.	.	.	.	.	218
1.25-1.49	.	.	9	33	.	.	.	.	.	.	42
1.50-1.74	.	.	1	28	.	.	.	.	.	.	29
1.75-1.99	.	.	.	12	2	.	.	.	.	.	14
2.00-2.24	.	.	.	3	8	.	.	.	.	.	11
2.25-2.49	.	.	.	.	3	.	.	.	.	.	3
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6026	521	98	18	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.1 NO. OF CASES= 6239.

STATION 037 43.45N 79.25W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4564	15	.	.	.	.	.	.	.	4580
0.25-0.49	.	2358	20	5	.	.	.	.	.	.	2383
0.50-0.74	.	1257	448	10	1	.	.	.	.	.	1716
0.75-0.99	.	131	417	16	3	.	.	.	.	.	567
1.00-1.24	.	2	568	168	.	.	.	.	.	.	638
1.25-1.49	.	.	19	145	.	.	.	.	.	.	165
1.50-1.74	.	.	1	145	.	.	.	.	.	.	146
1.75-1.99	.	.	.	69	12	.	.	.	.	.	81
2.00-2.24	.	.	.	7	70	.	.	.	.	.	77
2.25-2.49	.	.	.	.	34	.	.	.	.	.	34
2.50-2.74	.	.	.	.	13	.	.	.	.	.	13
2.75-2.99	.	.	.	.	6	.	.	.	.	.	6
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	2	.	.	.	.	2
3.50+	.	.	.	.	.	3	.	.	.	.	3
TOTAL	0	8312	1489	466	139	6	0	0	0	0	0

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 3.3 NO. OF CASES= 9746.

STATION 037 43.45N 79.25W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3670	12	.	.	.	.	.	.	.	3682
0.25-0.49	.	2404	21	4	1	.	.	.	.	.	2430
0.50-0.74	.	2070	348	6	.	.	.	.	.	.	2424
0.75-0.99	.	389	842	23	1	.	.	.	.	.	1255
1.00-1.24	.	.	883	154	1	.	.	.	.	.	1042
1.25-1.49	.	.	70	286	1	.	.	.	.	.	357
1.50-1.74	.	.	.	371	8	.	.	.	.	.	379
1.75-1.99	.	.	.	148	25	.	.	.	.	.	173
2.00-2.24	.	.	.	33	164	.	.	.	.	.	197
2.25-2.49	.	.	.	1	75	.	.	.	.	.	76
2.50-2.74	.	.	.	.	57	.	.	.	.	.	57
2.75-2.99	.	.	.	.	23	9	.	.	.	.	32
3.00-3.24	.	.	.	.	.	22	.	.	.	.	22
3.25-3.49	.	.	.	.	.	10	.	.	.	.	10
3.50+	.	.	.	.	.	3	.	.	.	.	3
TOTAL	0	8537	2176	1026	356	44	0	0	0	0	0

MEAN HS(M) = 0.6 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 3.5 NO. OF CASES= 11364.



STATION 037 43.45N 79.25W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3729	19	2	.	.	.	.	.	.	3750
0.25-0.49	.	1700	22	5	1	.	.	.	.	.	1728
0.50-0.74	.	1732	29	6	.	.	.	.	.	.	1767
0.75-0.99	.	266	493	3	.	.	.	.	.	.	762
1.00-1.24	.	1	491	8	.	.	.	.	.	.	500
1.25-1.49	.	.	31	110	.	.	.	.	.	.	141
1.50-1.74	.	.	.	245	.	.	.	.	.	.	245
1.75-1.99	.	.	.	104	.	.	.	.	.	.	104
2.00-2.24	.	.	.	38	32	.	.	.	.	.	70
2.25-2.49	.	.	.	.	9	.	.	.	.	.	9
2.50-2.74	.	.	.	.	10	.	.	.	.	.	10
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	1	.	.	.	.	1
TOTAL	0	7428	1085	521	52	1	0	0	0	0	8506

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 3.3 NO. OF CASES= 8506.

STATION 037 43.45N 79.25W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2766	18	2	.	.	.	.	.	.	2786
0.25-0.49	.	1448	22	7	.	.	.	.	.	.	1477
0.50-0.74	.	1455	47	13	.	.	.	.	.	.	1515
0.75-0.99	.	256	259	1	.	.	.	.	.	.	516
1.00-1.24	.	3	359	18	.	.	.	.	.	.	380
1.25-1.49	.	.	91	78	.	.	.	.	.	.	169
1.50-1.74	.	.	3	152	.	.	.	.	.	.	155
1.75-1.99	.	.	.	54	2	.	.	.	.	.	56
2.00-2.24	.	.	.	13	19	.	.	.	.	.	32
2.25-2.49	.	.	.	.	3	.	.	.	.	.	3
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	2	.	.	.	.	.	2
3.25-3.49	.	.	.	.	.	1	.	.	.	.	1
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5928	799	338	26	1	0	0	0	0	6641

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 3.2 NO. OF CASES= 6641.

STATION 037 43.45N 79.25W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3462	22	4	.	.	.	.	.	.	3488
0.25-0.49	.	1419	29	6	.	.	.	.	.	.	1454
0.50-0.74	.	1433	9	14	2	.	.	.	.	.	1458
0.75-0.99	.	311	104	2	1	1	.	.	.	.	419
1.00-1.24	.	.	291	1	2	.	.	.	.	.	294
1.25-1.49	.	.	104	43	.	.	.	.	.	.	147
1.50-1.74	.	.	.	125	.	.	.	.	.	.	125
1.75-1.99	.	.	.	24	.	.	.	.	.	.	24
2.00-2.24	.	.	.	5	.	.	.	.	.	.	5
2.25-2.49	.	.	.	.	3	.	.	.	.	.	3
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6625	559	224	8	1	0	0	0	0	6945

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.1 NO. OF CASES= 6945.

STATION 037 43.45N 79.25W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3188	18	1	.	.	.	.	.	.	3207
0.25-0.49	.	1594	41	9	.	.	.	.	.	.	1644
0.50-0.74	.	1549	19	26	1	.	.	.	.	.	1595
0.75-0.99	.	290	271	4	2	.	.	.	.	.	567
1.00-1.24	.	.	337	11	1	.	.	.	.	.	349
1.25-1.49	.	.	78	69	1	.	.	.	.	.	148
1.50-1.74	.	.	.	148	.	1	.	.	.	.	151
1.75-1.99	.	.	2	35	.	.	.	.	.	.	35
2.00-2.24	.	.	.	20	8	.	.	.	.	.	28
2.25-2.49	.	.	.	.	5	.	.	.	.	.	5
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6621	766	323	19	1	0	0	0	0	7238

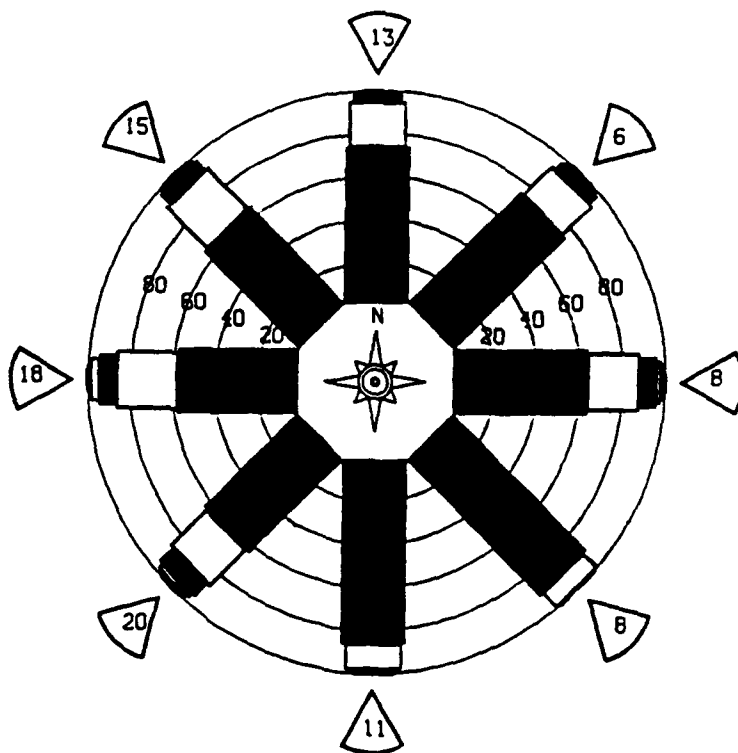
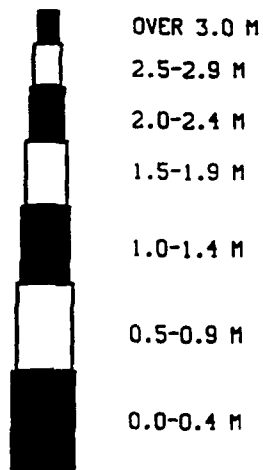
MEAN HS(M) = 0.4 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.2 NO. OF CASES= 7238.

STATION 037 43.45N 79.25W FOR ALL DIRECTIONS  
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	4773	20	1	.	.	.	.	.	.	4794
0.25-0.49	.	2020	58	8	.	.	.	.	.	.	2086
0.50-0.74	.	1387	189	45	1	.	.	.	.	.	1622
0.75-0.99	.	209	336	41	3	.	.	.	.	.	589
1.00-1.24	.	1	365	64	10	.	.	.	.	.	440
1.25-1.49	.	.	44	100	5	.	.	.	.	.	149
1.50-1.74	.	.	.	141	8	1	.	.	.	.	150
1.75-1.99	.	.	.	50	8	.	.	.	.	.	58
2.00-2.24	.	.	.	13	38	1	.	.	.	.	52
2.25-2.49	.	.	.	.	16	.	.	.	.	.	16
2.50-2.74	.	.	.	.	11	1	.	.	.	.	12
2.75-2.99	.	.	.	.	3	2	.	.	.	.	5
3.00-3.24	.	.	.	.	.	3	.	.	.	.	3
3.25-3.49	.	.	.	.	.	1	.	.	.	.	1
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	8390	1012	463	103	9	0	0	0	0	93504

MEAN HS(M)= 0.4 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 3.2 TOTAL CASES= 93504.

STATION 37  
43.45N, 79.25 W  
93504 CASES



MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 037 (43.45N 79.25W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.4	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3
1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.6	0.5	0.5	0.5	0.3	0.3	0.2	0.2	0.3	0.3	0.5	0.5	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 037 (43.45N 79.25W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1957	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1958	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1959	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1960	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1961	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1962	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1963	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1964	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1965	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1966	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1967	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1968	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1969	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1970	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1971	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1972	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1973	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1974	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1975	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1976	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1977	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1978	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1979	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1980	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1981	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1982	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1983	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1984	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1985	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1986	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	
1987	1.1	2.2	3.0	1.7	1.0	1.9	1.0	0.0	1.0	2.1	2.9	1.1	

32 YR. STATISTICS FOR WIS STATION 037

MEAN SIGNIFICANT WAVE HEIGHT	(METERS)	0.4
MEAN PEAK WAVE PERIOD	(SECONDS)	3.2
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND	(DEGREES)	247.5
STANDARD DEVIATION OF WAVE HS	(METERS)	0.4
STANDARD DEVIATION OF WAVE TP	(SECONDS)	0.6
LARGEST WAVE HS	(METERS)	3.9
WAVE TP ASSOCIATED WITH LARGEST WAVE HS	(SECONDS)	7.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS	(DEGREES)	231.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		64030518

STATION 038 43.60N 78.85W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1971	6	.	.	.	.	.	.	.	1977
0.25-0.49	.	921	51	3	.	.	.	.	.	.	975
0.50-0.74	.	498	24	36	.	.	.	.	.	.	558
0.75-0.99	.	63	105	5	1	.	.	.	.	.	174
1.00-1.24	.	.	74	1	6	.	.	.	.	.	81
1.25-1.49	.	.	4	12	1	.	.	.	.	.	17
1.50-1.74	.	.	.	21	1	.	.	.	.	.	21
1.75-1.99	.	.	.	5	1	.	.	.	.	.	6
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3453	264	83	9	0	0	0	0	0	3569

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.1 NO. OF CASES= 3569.

STATION 038 43.60N 78.85W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1994	9	.	.	.	.	.	.	.	2003
0.25-0.49	.	622	67	4	.	.	.	.	.	.	693
0.50-0.74	.	275	73	37	1	.	.	.	.	.	386
0.75-0.99	.	22	54	21	9	.	.	.	.	.	97
1.00-1.24	.	.	45	3	2	.	.	.	.	.	59
1.25-1.49	.	.	1	10	2	.	.	.	.	.	16
1.50-1.74	.	.	.	2	1	.	.	.	.	.	4
1.75-1.99	.	.	.	1	1	.	.	.	.	.	3
2.00-2.24	.	.	.	.	1	.	.	.	.	.	3
2.25-2.49	.	.	.	.	.	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2913	249	78	25	0	0	0	0	0	3062

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.2 NO. OF CASES= 3062.

STATION 038 43.60N 78.85W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2392	5	.	.	.	.	.	.	.	2397
0.25-0.49	.	617	57	5	.	.	.	.	.	.	679
0.50-0.74	.	245	139	50	.	.	.	.	.	.	434
0.75-0.99	.	9	98	34	2	.	.	.	.	.	143
1.00-1.24	.	.	88	31	6	.	.	.	.	.	125
1.25-1.49	.	.	7	23	8	.	.	.	.	.	38
1.50-1.74	.	.	.	12	16	.	.	.	.	.	28
1.75-1.99	.	.	.	8	6	.	.	.	.	.	14
2.00-2.24	.	.	.	2	3	1	.	.	.	.	6
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3263	394	165	42	1	0	0	0	0	3623

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.2 NO. OF CASES= 3623.

STATION 038 43.60N 78.85W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1996	2	.	.	.	.	.	.	.	1998
0.25-0.49	.	676	29	1	.	.	.	.	.	.	706
0.50-0.74	.	340	216	41	.	.	.	.	.	.	597
0.75-0.99	.	16	131	52	2	.	.	.	.	.	201
1.00-1.24	.	.	84	95	10	.	.	.	.	.	189
1.25-1.49	.	.	1	31	16	.	.	.	.	.	48
1.50-1.74	.	.	.	18	20	.	.	.	.	.	38
1.75-1.99	.	.	.	7	5	1	.	.	.	.	13
2.00-2.24	.	.	.	.	11	.	.	.	.	.	11
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	3	3	.	.	.	.	6
2.75-2.99	.	.	.	.	.	1	.	.	.	.	1
3.00-3.24	.	.	.	.	.	3	1	.	.	.	4
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3028	463	245	68	8	1	0	0	0	3574

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 3.3 NO. OF CASES= 3574.

STATION 038 43.60N 78.85W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	2809	5	1	.	.	.	.	.	.	2814
0.25-0.49	.	967	36	22	.	.	.	.	.	.	1004
0.50-0.74	.	410	208	81	2	.	.	.	.	.	640
0.75-0.99	.	26	162	7	2	.	.	.	.	.	271
1.00-1.24	.	.	85	122	41	.	.	.	.	.	214
1.25-1.49	.	.	4	32	20	.	.	.	.	.	65
1.50-1.74	.	.	1	1	26	1	.	.	.	.	60
1.75-1.99	.	.	.	1	19	2	.	.	.	.	21
2.00-2.24	.	.	.	.	24	1	.	.	.	.	26
2.25-2.49	.	.	.	.	1	1	1	.	.	.	3
2.50-2.74	.	.	.	.	.	5	.	.	.	.	9
2.75-2.99	.	.	.	.	3	4	1	.	.	.	4
3.00-3.24	.	.	.	.	.	2	.	.	.	.	2
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4212	501	300	102	16	2	0	0	0	4811.

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 3.3 NO. OF CASES= 4811.

STATION 038 43.60N 78.85W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	2220	2	.	.	.	.	.	.	.	2222
0.25-0.49	.	525	40	4	.	.	.	.	.	.	569
0.50-0.74	.	180	120	23	.	.	.	.	.	.	323
0.75-0.99	.	8	45	24	3	.	.	.	.	.	80
1.00-1.24	.	.	24	28	10	.	.	.	.	.	62
1.25-1.49	.	.	.	13	4	.	.	.	.	.	17
1.50-1.74	.	.	.	5	3	1	.	.	.	.	9
1.75-1.99	.	.	.	.	1	.	.	.	.	.	1
2.00-2.24	.	.	.	.	2	.	.	.	.	.	2
2.25-2.49	.	.	.	.	.	.	1	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	1	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2933	231	97	23	2	1	0	0	0	3083.

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.2 NO. OF CASES= 3083.

STATION 038 43.60N 78.85W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	2627	4	.	.	.	.	.	.	.	2631
0.25-0.49	.	535	45	3	.	.	.	.	.	.	583
0.50-0.74	.	199	112	28	1	.	.	.	.	.	340
0.75-0.99	.	10	68	24	3	.	.	.	.	.	105
1.00-1.24	.	.	33	16	10	.	.	.	.	.	58
1.25-1.49	.	.	.	8	.	.	.	.	.	.	8
1.50-1.74	.	.	.	.	1	.	.	.	.	.	1
1.75-1.99	.	.	.	.	.	.	.	.	.	.	1
2.00-2.24	.	.	.	1	1	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3371	262	80	16	0	0	0	0	0	3485.

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.1 NO. OF CASES= 3485.

STATION 038 43.60N 78.85W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	2345	5	.	.	.	.	.	.	.	2350
0.25-0.49	.	808	35	5	.	.	.	.	.	.	848
0.50-0.74	.	325	59	27	.	.	.	.	.	.	411
0.75-0.99	.	19	90	4	.	.	.	.	.	.	113
1.00-1.24	.	.	59	6	3	.	.	.	.	.	68
1.25-1.49	.	.	4	8	.	.	.	.	.	.	12
1.50-1.74	.	.	.	12	.	.	.	.	.	.	12
1.75-1.99	.	.	.	3	.	.	.	.	.	.	3
2.00-2.24	.	.	.	.	2	.	.	.	.	.	2
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3487	252	65	5	0	0	0	0	0	3579.

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.1 NO. OF CASES= 3579.

STATION 038 43.60N 78.85W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	3907	8	.	.	.	.	.	.	.	3915
0.25-0.49	.	1138	38	5	.	.	.	.	.	.	1179
0.50-0.74	.	549	29	22	1	.	.	.	.	.	597
0.75-0.99	.	39	112	3	.	.	.	.	.	.	154
1.00-1.24	.	2	64	4	2	.	.	.	.	.	72
1.25-1.49	.	.	12	14	1	.	.	.	.	.	27
1.50-1.74	.	.	.	38	.	.	.	.	.	.	38
1.75-1.99	.	.	.	7	.	.	.	.	.	.	7
2.00-2.24	.	.	.	1	4	.	.	.	.	.	5
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5631	261	94	9	0	0	0	0	0	5615

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.1 NO. OF CASES= 5615.

STATION 038 43.60N 78.85W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4252	5	.	.	.	.	.	.	.	4257
0.25-0.49	.	1651	20	3	.	.	.	.	.	.	1674
0.50-0.74	.	832	114	7	3	.	.	.	.	.	956
0.75-0.99	.	88	238	22	.	.	.	.	.	.	369
1.00-1.24	.	2	170	49	2	.	.	.	.	.	223
1.25-1.49	.	.	17	40	.	.	.	.	.	.	57
1.50-1.74	.	.	.	37	.	.	.	.	.	.	37
1.75-1.99	.	.	.	12	3	.	.	.	.	.	15
2.00-2.24	.	.	.	2	6	.	.	.	.	.	8
2.25-2.49	.	.	.	1	3	.	.	.	.	.	4
2.50-2.74	.	.	.	.	.	1	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6825	584	173	23	1	0	0	0	0	7120

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.1 NO. OF CASES= 7120.

STATION 038 43.60N 78.85W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	6045	7	.	.	.	.	.	.	.	6052
0.25-0.49	.	2733	110	4	1	.	.	.	.	.	2848
0.50-0.74	.	1290	786	68	.	.	.	.	.	.	2144
0.75-0.99	.	97	494	272	.	.	.	.	.	.	863
1.00-1.24	.	1	280	380	7	.	.	.	.	.	668
1.25-1.49	.	.	20	234	10	.	.	.	.	.	264
1.50-1.74	.	.	.	179	42	.	.	.	.	.	221
1.75-1.99	.	.	.	38	49	.	.	.	.	.	87
2.00-2.24	.	.	.	3	95	.	.	.	.	.	98
2.25-2.49	.	.	.	.	51	.	.	.	.	.	51
2.50-2.74	.	.	.	.	47	6	.	.	.	.	53
2.75-2.99	.	.	.	.	2	10	.	.	.	.	12
3.00-3.24	.	.	.	.	.	11	.	.	.	.	11
3.25-3.49	.	.	.	.	.	4	.	.	.	.	4
3.50+	.	.	.	.	.	.	1	.	.	.	1
TOTAL	0	10166	1697	1178	304	31	1	0	0	0	12520

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 3.4 NO. OF CASES= 12520.

STATION 038 43.60N 78.85W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	4348	9	2	.	.	.	.	.	.	4359
0.25-0.49	.	2581	72	2	.	.	.	.	.	.	2655
0.50-0.74	.	1757	1034	287	1	.	.	.	.	.	2849
0.75-0.99	.	122	1015	289	.	.	.	.	.	.	1407
1.00-1.24	.	2	931	534	.	.	.	.	.	.	1472
1.25-1.49	.	.	42	478	33	.	.	.	.	.	533
1.50-1.74	.	.	.	378	129	.	.	.	.	.	488
1.75-1.99	.	.	.	115	122	.	.	.	.	.	240
2.00-2.24	.	.	.	8	270	10	.	.	.	.	288
2.25-2.49	.	.	.	.	154	.	.	.	.	.	154
2.50-2.74	.	.	.	.	132	.	.	.	.	.	132
2.75-2.99	.	.	.	.	2	70	.	.	.	.	72
3.00-3.24	.	.	.	.	.	42	.	.	.	.	42
3.25-3.49	.	.	.	.	.	.	1	.	.	.	1
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	8790	3103	1843	848	241	43	0	0	0	13920

MEAN HS(M) = 0.7 LARGEST HS(M)= 4.4 MEAN TP(SEC)= 3.7 NO. OF CASES= 13920.

STATION 038 43.60N 78.85W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3726	6	1	.	.	.	.	.	.	3733
0.25-0.49	.	1842	29	1	.	.	.	.	.	.	1872
0.50-0.74	.	1273	499	14	.	.	.	.	.	.	1786
0.75-0.99	.	68	657	29	1	.	.	.	.	.	745
1.00-1.24	.	.	590	223	.	.	.	.	.	.	813
1.25-1.49	.	.	8	290	.	.	.	.	.	.	300
1.50-1.74	.	.	.	214	2	.	.	.	.	.	222
1.75-1.99	.	.	.	72	48	1	.	.	.	.	118
2.00-2.24	.	.	.	1	126	.	.	.	.	.	127
2.25-2.49	.	.	.	.	64	.	.	.	.	.	64
2.50-2.74	.	.	.	.	39	.	.	.	.	.	39
2.75-2.99	.	.	.	.	6	.	.	.	.	.	7
3.00-3.24	.	.	.	.	.	.	.	.	.	.	3
3.25-3.49	.	.	.	.	.	.	.	.	.	.	2
3.50+	.	.	.	.	.	.	.	.	.	.	3
TOTAL	0	6909	1789	845	291	9	1	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 3.4 NO. OF CASES= 9218.

STATION 038 43.60N 78.85W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2585	5	2	.	.	.	.	.	.	2592
0.25-0.49	.	1577	31	3	.	.	.	.	.	.	1611
0.50-0.74	.	970	272	6	1	.	.	.	.	.	1249
0.75-0.99	.	39	418	18	1	.	.	.	.	.	476
1.00-1.24	.	1	422	117	1	.	.	.	.	.	541
1.25-1.49	.	.	6	137	.	.	.	.	.	.	143
1.50-1.74	.	.	.	147	5	.	.	.	.	.	152
1.75-1.99	.	.	.	55	18	.	.	.	.	.	73
2.00-2.24	.	.	.	1	57	.	.	.	.	.	58
2.25-2.49	.	.	.	.	21	.	.	.	.	.	21
2.50-2.74	.	.	.	.	18	.	.	.	.	.	18
2.75-2.99	.	.	.	.	1	1	.	.	.	.	2
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	1
TOTAL	0	5172	1154	486	123	3	0	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 3.4 NO. OF CASES= 6497.

STATION 038 43.60N 78.85W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2148	8	.	.	.	.	.	.	.	2156
0.25-0.49	.	1340	26	4	.	.	.	.	.	.	1370
0.50-0.74	.	716	232	12	1	.	.	.	.	.	961
0.75-0.99	.	31	310	9	.	.	.	.	.	.	350
1.00-1.24	.	.	358	66	2	.	.	.	.	.	426
1.25-1.49	.	.	7	141	.	.	.	.	.	.	148
1.50-1.74	.	.	.	98	1	.	.	.	.	.	100
1.75-1.99	.	.	.	38	24	.	.	.	.	.	62
2.00-2.24	.	.	.	1	65	.	.	.	.	.	66
2.25-2.49	.	.	.	.	20	.	.	.	.	.	20
2.50-2.74	.	.	.	.	4	.	.	.	.	.	4
2.75-2.99	.	.	.	.	1	1	.	.	.	.	2
3.00-3.24	.	.	.	.	.	.	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4235	941	370	118	2	0	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 3.4 NO. OF CASES= 5306.

STATION 038 43.60N 78.85W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

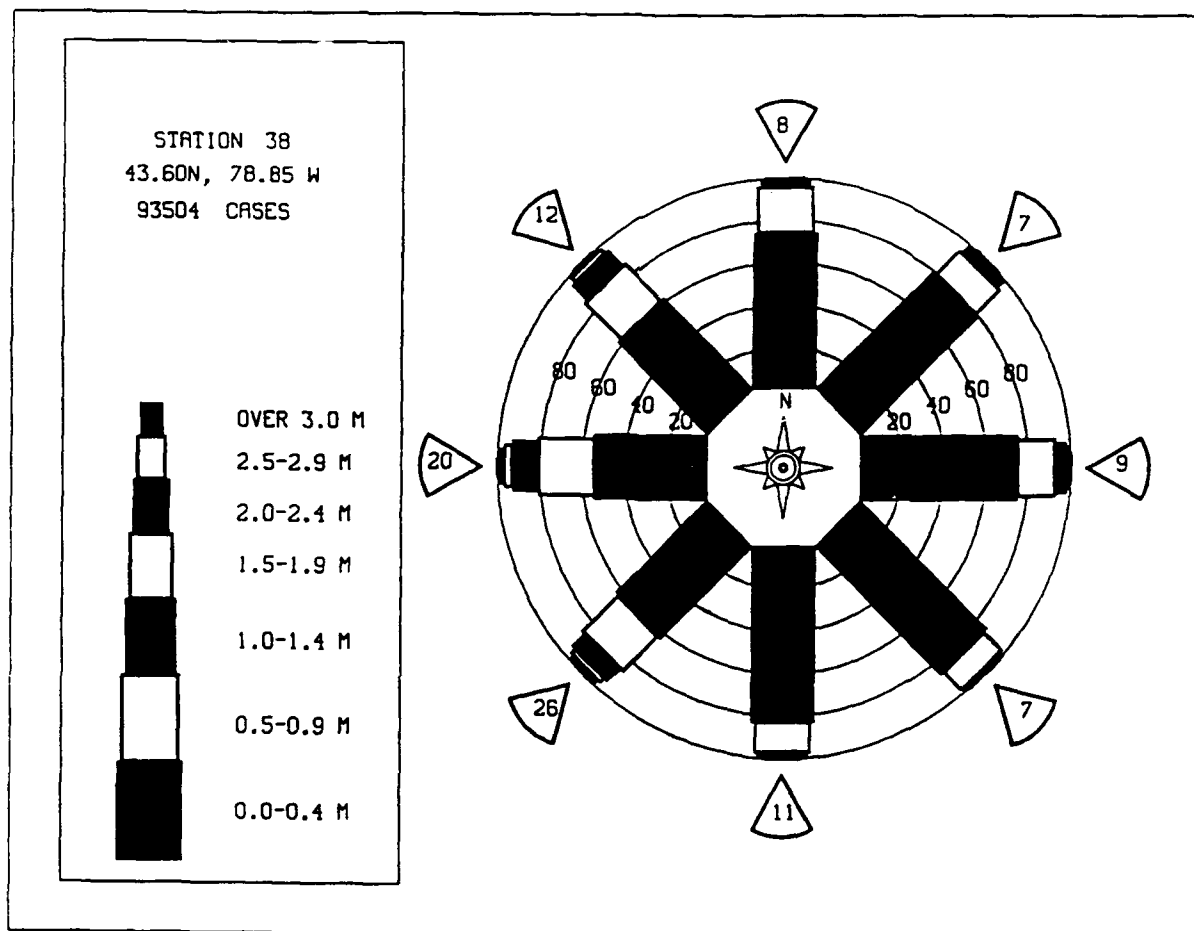
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1817	3	.	.	.	.	.	.	.	1820
0.25-0.49	.	1164	27	2	.	.	.	.	.	.	1193
0.50-0.74	.	873	131	10	1	.	.	.	.	.	1015
0.75-0.99	.	83	343	4	1	.	.	.	.	.	431
1.00-1.24	.	.	268	56	2	.	.	.	.	.	326
1.25-1.49	.	.	4	70	.	.	.	.	.	.	74
1.50-1.74	.	.	.	81	.	.	.	.	.	.	81
1.75-1.99	.	.	.	41	8	.	.	.	.	.	49
2.00-2.24	.	.	.	.	22	.	.	.	.	.	22
2.25-2.49	.	.	.	.	3	.	.	.	.	.	3
2.50-2.74	.	.	.	.	2	.	.	.	.	.	2
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3737	776	264	39	0	0	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.3 NO. OF CASES= 4512.

STATION 038 43.60N 78.85W FOR ALL DIRECTIONS  
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0	
0.00-0.24	.	4698	9	.	.	.	.	.	.	.	4707
0.25-0.49	.	1968	71	.	.	.	.	.	.	.	2044
0.50-0.74	.	1073	405	46	1	.	.	.	.	.	1525
0.75-0.99	.	74	436	87	1	.	.	.	.	.	598
1.00-1.24	.	.	358	174	108	.	.	.	.	.	540
1.25-1.49	.	.	14	155	240	.	.	.	.	.	179
1.50-1.74	.	.	.	128	30	.	.	.	.	.	152
1.75-1.99	.	.	.	41	2	.	.	.	.	.	71
2.00-2.24	.	.	.	2	99	1	.	.	.	.	72
2.25-2.49	.	.	.	.	24	.	.	.	.	.	32
2.50-2.74	.	.	.	.	2	5	.	.	.	.	30
2.75-2.99	.	.	.	.	.	7	.	.	.	.	9
3.00-3.24	.	.	.	.	.	9	.	.	.	.	9
3.25-3.49	.	.	.	.	.	4	.	.	.	.	4
3.50+	.	.	.	.	.	2	.	.	.	.	6
TOTAL	0	7813	1293	638	202	28	4	0	0	0	

MEAN HS(M)= 0.4 LARGEST HS(M)= 4.4 MEAN TP(SEC)= 3.3 TOTAL CASES= 93504





MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 038 (43.60N 78.85W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.4	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1957	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1958	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1959	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1960	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1961	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1962	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1963	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1964	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1965	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1966	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1967	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1968	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1969	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1970	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1971	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1972	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1973	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1974	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1975	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1976	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1977	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1978	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1979	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1980	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1981	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1982	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1983	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1984	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1985	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1986	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
1987	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
MEAN	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 038 (43.60N 78.85W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1957	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1958	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1959	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1960	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1961	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1962	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1963	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1964	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1965	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1966	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1967	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1968	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1969	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1970	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1971	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1972	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1973	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1974	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1975	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1976	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1977	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1978	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1979	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1980	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1981	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1982	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1983	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1984	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1985	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1986	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	
1987	1.3	2.7	3.6	2.6	2.5	2.2	1.2	0.1	1.2	2.4	3.3	1.9	

32 YR. STATISTICS FOR WIS STATION 038

MEAN SIGNIFICANT WAVE HEIGHT . . . . . (METERS)	0.4
MEAN PEAK WAVE PERIOD . . . . . (SECONDS)	3.3
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND . . (DEGREES)	247.5
STANDARD DEVIATION OF WAVE HS . . . . . (METERS)	0.5
STANDARD DEVIATION OF WAVE TP . . . . . (SECONDS)	0.7
LARGEST WAVE HS . . . . . (METERS)	4.4
WAVE TP ASSOCIATED WITH LARGEST WAVE HS . . . . . (SECONDS)	8.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS . . (DEGREES)	247.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)	75022609

STATION 039 43.60N 78.45W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0- LONGER	
0.00-0.24	.	1509	2	.	.	.	.	.	.	.	1511
0.25-0.49	.	603	28	.	.	.	.	.	.	.	631
0.50-0.74	.	316	42	16	.	.	.	.	.	.	374
0.75-0.99	.	50	81	5	1	.	.	.	.	.	137
1.00-1.24	.	.	42	11	2	.	.	.	.	.	49
1.25-1.49	.	.	3	10	1	.	.	.	.	.	15
1.50-1.74	.	.	.	1	.	.	.	.	.	.	11
1.75-1.99	.	.	.	.	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2478	198	48	5	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.1 NO. OF CASES= 2558.

STATION 039 43.60N 78.45W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0- LONGER	
0.00-0.24	.	1548	2	.	.	.	.	.	.	.	1550
0.25-0.49	.	484	35	1	.	.	.	.	.	.	520
0.50-0.74	.	192	81	18	.	.	.	.	.	.	291
0.75-0.99	.	13	48	10	1	.	.	.	.	.	72
1.00-1.24	.	.	9	21	3	.	.	.	.	.	33
1.25-1.49	.	.	.	3	4	.	.	.	.	.	6
1.50-1.74	.	.	.	.	1	.	.	.	.	.	4
1.75-1.99	.	.	.	.	2	.	.	.	.	.	3
2.00-2.24	.	.	.	.	2	.	.	.	.	.	3
2.25-2.49	.	.	.	.	1	.	.	.	.	.	2
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2237	175	57	15	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.1 NO. OF CASES= 2329.

STATION 039 43.60N 78.45W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0- LONGER	
0.00-0.24	.	2269	1	.	.	.	.	.	.	.	2270
0.25-0.49	.	739	38	2	.	.	.	.	.	.	779
0.50-0.74	.	265	202	36	.	.	.	.	.	.	503
0.75-0.99	.	10	109	80	1	.	.	.	.	.	200
1.00-1.24	.	.	37	80	1	.	.	.	.	.	118
1.25-1.49	.	.	.	56	8	.	.	.	.	.	64
1.50-1.74	.	.	.	21	9	.	.	.	.	.	30
1.75-1.99	.	.	.	5	13	.	.	.	.	.	18
2.00-2.24	.	.	.	.	13	.	.	.	.	.	13
2.25-2.49	.	.	.	.	3	.	.	.	.	.	4
2.50-2.74	.	.	.	.	.	1	.	.	.	.	4
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3283	387	280	52	1	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.3 NO. OF CASES= 3751.

STATION 039 43.60N 78.45W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0- LONGER	
0.00-0.24	.	2171	.	.	.	.	.	.	.	.	2171
0.25-0.49	.	922	32	.	.	.	.	.	.	.	954
0.50-0.74	.	377	234	27	.	.	.	.	.	.	638
0.75-0.99	.	12	161	88	1	.	.	.	.	.	262
1.00-1.24	.	.	50	129	8	.	.	.	.	.	187
1.25-1.49	.	.	.	45	14	.	.	.	.	.	59
1.50-1.74	.	.	.	29	8	1	.	.	.	.	38
1.75-1.99	.	.	.	1	5	.	.	.	.	.	6
2.00-2.24	.	.	.	.	17	.	.	.	.	.	18
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	2	.	.	.	.	3
2.75-2.99	.	.	.	.	.	1	.	.	.	.	1
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3482	477	318	55	5	0	0	0	0	0

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.3 NO. OF CASES= 4066.

STATION 039 43.60N 78.45W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2595	3	1	.	.	.	.	.	.	2599
0.25-0.49	.	881	14	.	.	.	.	.	.	.	895
0.50-0.74	.	361	207	22	.	.	.	.	.	.	590
0.75-0.99	.	21	118	72	1	.	.	.	.	.	212
1.00-1.24	.	.	42	89	7	.	.	.	.	.	138
1.25-1.49	.	.	.	25	20	.	.	.	.	.	45
1.50-1.74	.	.	.	8	10	.	.	.	.	.	18
1.75-1.99	.	.	.	2	4	2	.	.	.	.	8
2.00-2.24	.	.	.	.	4	.	.	.	.	.	4
2.25-2.49	.	.	.	.	2	.	1	.	.	.	3
2.50-2.74	.	.	.	.	1	1	.	.	.	.	2
2.75-2.99	.	.	.	.	.	.	1	.	.	.	2
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3858	384	219	49	4	2	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 3.2 NO. OF CASES= 4233.

STATION 039 43.60N 78.45W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1925	1	.	.	.	.	.	.	.	1926
0.25-0.49	.	433	12	.	.	.	.	.	.	.	445
0.50-0.74	.	116	110	18	.	.	.	.	.	.	244
0.75-0.99	.	1	42	31	2	.	.	.	.	.	76
1.00-1.24	.	.	14	31	8	.	.	.	.	.	53
1.25-1.49	.	.	.	4	33	1	.	.	.	.	38
1.50-1.74	.	.	.	3	2	.	.	.	.	.	5
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	1	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2475	179	87	15	1	1	0	0	0	

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.2 NO. OF CASES= 2584.

STATION 039 43.60N 78.45W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2533	1	.	.	.	.	.	.	.	2534
0.25-0.49	.	511	36	1	.	.	.	.	.	.	548
0.50-0.74	.	188	130	21	.	.	.	.	.	.	339
0.75-0.99	.	9	45	25	2	.	.	.	.	.	81
1.00-1.24	.	.	42	18	10	.	.	.	.	.	70
1.25-1.49	.	.	1	5	4	.	.	.	.	.	10
1.50-1.74	.	.	.	5	3	.	.	.	.	.	8
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	1	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3241	255	75	19	1	0	0	0	0	

MEAN HS(M) = 0.2 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.1 NO. OF CASES= 3365.

STATION 039 43.60N 78.45W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2371	.	1	.	.	.	.	.	.	2371
0.25-0.49	.	664	31	.	.	.	.	.	.	.	696
0.50-0.74	.	339	59	25	.	.	.	.	.	.	423
0.75-0.99	.	47	104	11	.	.	.	.	.	.	162
1.00-1.24	.	.	70	7	4	.	.	.	.	.	81
1.25-1.49	.	.	5	10	1	.	.	.	.	.	16
1.50-1.74	.	.	.	25	2	.	.	.	.	.	27
1.75-1.99	.	.	.	6	.	.	.	.	.	.	6
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3421	269	85	8	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 3.1 NO. OF CASES= 3544.

STATION 039 43.60N 78.45W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	3752	.	.	.	.	.	.	.	.	3752
0.25-0.49	.	1043	22	1	.	.	.	.	.	.	1066
0.50-0.74	.	589	39	25	.	.	.	.	.	.	654
0.75-0.99	.	68	136	6	1	.	.	.	.	.	211
1.00-1.24	.	.	106	11	1	.	.	.	.	.	118
1.25-1.49	.	.	4	23	.	.	.	.	.	.	27
1.50-1.74	.	.	.	53	.	.	.	.	.	.	53
1.75-1.99	.	.	.	10	.	.	.	.	.	.	10
2.00-2.24	.	.	.	.	6	.	.	.	.	.	6
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5462	307	130	9	0	0	0	0	0	5533

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.1 NO. OF CASES= 5533.

STATION 039 43.60N 78.45W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	3697	.	.	.	.	.	.	.	.	3697
0.25-0.49	.	1674	18	2	.	.	.	.	.	.	1694
0.50-0.74	.	979	93	8	.	.	.	.	.	.	1080
0.75-0.99	.	85	286	11	.	.	.	.	.	.	382
1.00-1.24	.	1	189	20	1	.	.	.	.	.	211
1.25-1.49	.	.	12	33	1	.	.	.	.	.	46
1.50-1.74	.	.	.	35	1	.	.	.	.	.	36
1.75-1.99	.	.	.	13	.	.	.	.	.	.	13
2.00-2.24	.	.	.	4	.	.	.	.	.	.	12
2.25-2.49	.	.	.	.	8	.	.	.	.	.	1
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6436	598	126	13	0	0	0	0	0	6715

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.1 NO. OF CASES= 6715.

STATION 039 43.60N 78.45W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	5657	7	1	.	.	.	.	.	.	5664
0.25-0.49	.	2743	69	1	.	.	.	.	.	.	2813
0.50-0.74	.	1358	553	34	1	.	.	.	.	.	1946
0.75-0.99	.	112	485	33	2	.	.	.	.	.	632
1.00-1.24	.	1	496	88	3	.	.	.	.	.	588
1.25-1.49	.	.	16	100	10	.	.	.	.	.	126
1.50-1.74	.	.	.	114	10	.	.	.	.	.	124
1.75-1.99	.	.	.	39	10	.	.	.	.	.	49
2.00-2.24	.	.	.	1	47	.	.	.	.	.	48
2.25-2.49	.	.	.	.	18	.	.	.	.	.	18
2.50-2.74	.	.	.	.	11	.	.	.	.	.	11
2.75-2.99	.	.	.	.	2	.	.	.	.	.	2
3.00-3.24	.	.	.	.	1	.	.	.	.	.	1
3.25-3.49	.	.	.	.	.	1	.	.	.	.	1
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	9871	1626	410	115	1	0	0	0	0	11252

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 3.2 NO. OF CASES= 11252.

STATION 039 43.60N 78.45W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	5304	.	.	.	.	.	.	.	.	5304
0.25-0.49	.	3376	180	.	.	.	.	.	.	.	3556
0.50-0.74	.	1737	1883	278	.	.	.	.	.	.	3898
0.75-0.99	.	118	1007	605	5	.	.	.	.	.	1735
1.00-1.24	.	.	796	921	58	.	.	.	.	.	1775
1.25-1.49	.	.	36	398	101	.	.	.	.	.	733
1.50-1.74	.	.	.	470	258	.	.	.	.	.	740
1.75-1.99	.	.	.	110	185	2	.	.	.	.	314
2.00-2.24	.	.	.	14	368	31	.	.	.	.	413
2.25-2.49	.	.	.	.	193	19	.	.	.	.	212
2.50-2.74	.	.	.	.	134	96	1	.	.	.	231
2.75-2.99	.	.	.	.	11	74	2	.	.	.	87
3.00-3.24	.	.	.	.	4	95	4	.	.	.	103
3.25-3.49	.	.	.	.	.	22	12	.	.	.	34
3.50+	.	.	.	.	.	16	70	.	.	.	86
TOTAL	0	10535	3902	2994	1327	374	89	0	0	0	17990

MEAN HS(M) = 0.7 LARGEST HS(M)= 4.9 MEAN TP(SEC)= 3.8 NO. OF CASES= 17990.

STATION Q39 43.60N 78.45W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24		3932	4								3936
0.25-0.49		2260	21								2281
0.50-0.74		1084	1057	79							2220
0.75-0.99		56	545	488	1						1090
1.00-1.24			249	808	24						1081
1.25-1.49			8	385	163						456
1.50-1.74				295	110	2					415
1.75-1.99				24	162	1					174
2.00-2.24				2	110	10					135
2.25-2.49					88	3					92
2.50-2.74					66	66					132
2.75-2.99					2	329					61
3.00-3.24						16					51
3.25-3.49						8					20
3.50+							4				25
TOTAL	0	7332	1884	2081	683	214	24	0	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 5.2 MEAN TP(SEC)= 3.7 NO. OF CASES= 11438.

STATION Q39 43.60N 78.45W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24		2131									2131
0.25-0.49		1700	26	2							1728
0.50-0.74		734	613	24							1371
0.75-0.99		37	482	95	1						615
1.00-1.24			388	283	10						681
1.25-1.49			11	194	14						219
1.50-1.74				135	35						170
1.75-1.99				43	44						87
2.00-2.24				2	72						74
2.25-2.49					33						33
2.50-2.74					16	12					28
2.75-2.99					1	7					8
3.00-3.24						8					8
3.25-3.49						3					3
3.50+							2				2
TOTAL	0	4602	1520	778	226	30	2	0	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 4.4 MEAN TP(SEC)= 3.5 NO. OF CASES= 6707.

STATION Q39 43.60N 78.45W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24		1709	2								1711
0.25-0.49		1260	21								1282
0.50-0.74		535	309	6							850
0.75-0.99		20	260	38	1						289
1.00-1.24			334	81							371
1.25-1.49			2	64							66
1.50-1.74				20							20
1.75-1.99					18						18
2.00-2.24					7						7
2.25-2.49					1						1
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	3522	928	217	32	0	0	0	0	0	

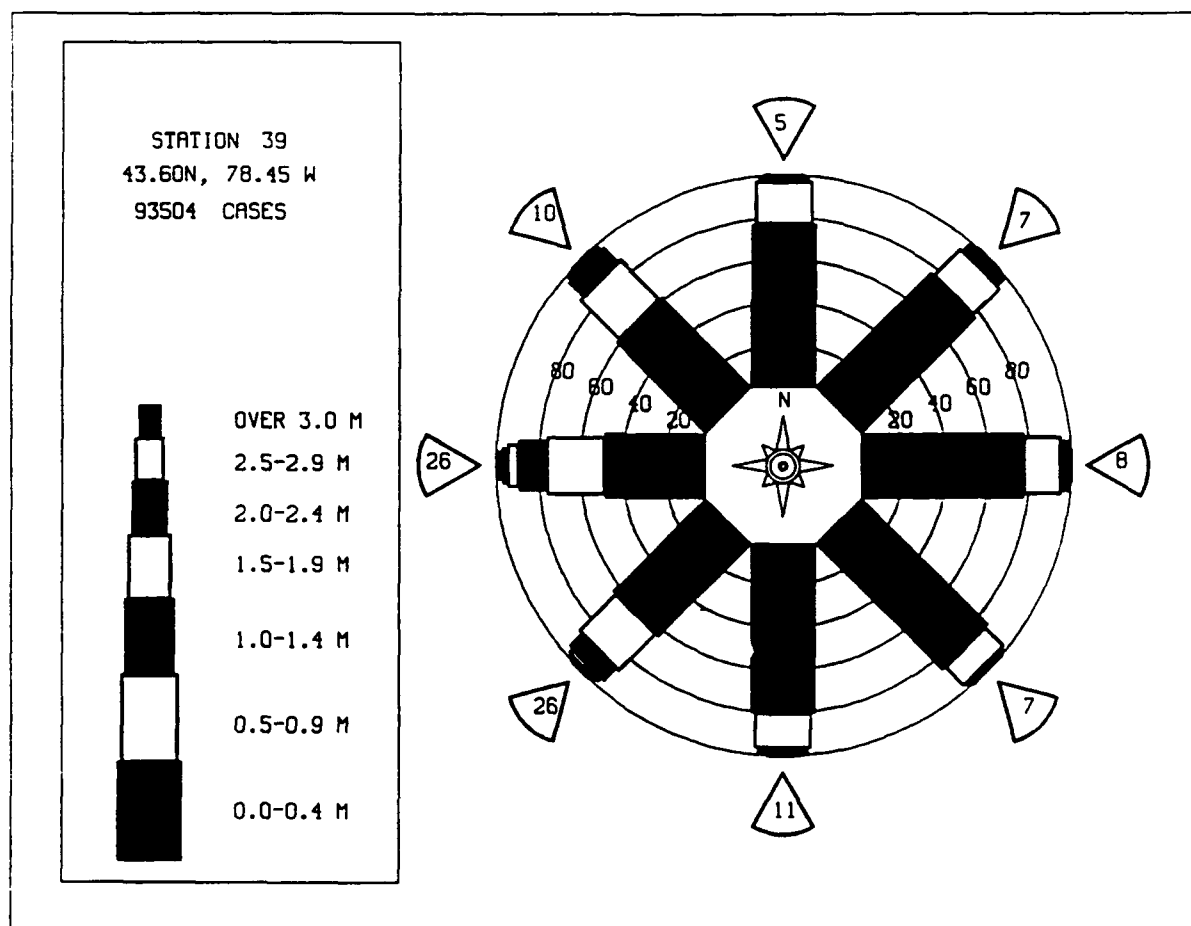
MEAN HS(M) = 0.4 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.3 NO. OF CASES= 4401.

STATION Q39 43.60N 78.45W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24		1253									1253
0.25-0.49		773	17	1							793
0.50-0.74		558	124	7							689
0.75-0.99		33	201	4							250
1.00-1.24			154	18	1						171
1.25-1.49			1	27							28
1.50-1.74				33							33
1.75-1.99				11	2						13
2.00-2.24					2						2
2.25-2.49					1						1
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	2641	497	99	7	0	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.2 NO. OF CASES= 3038.

STATION 039 43.60N 78.45W FOR ALL DIRECTIONS											
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	4437	2	.	.	.	.	.	.	.	4439
0.25-0.49	.	2007	60	1	.	.	.	.	.	.	2068
0.50-0.74	.	973	574	65	.	.	.	.	.	.	1612
0.75-0.99	.	72	411	158	2	.	.	.	.	.	643
1.00-1.24	.	.	302	256	14	.	.	.	.	.	572
1.25-1.49	.	.	10	160	24	.	.	.	.	.	194
1.50-1.74	.	.	.	131	52	.	.	.	.	.	183
1.75-1.99	.	.	.	29	38	2	.	.	.	.	69
2.00-2.24	.	.	.	2	72	4	.	.	.	.	78
2.25-2.49	.	.	.	.	35	2	.	.	.	.	37
2.50-2.74	.	.	.	.	23	17	.	.	.	.	40
2.75-2.99	.	.	.	.	1	14	.	.	.	.	15
3.00-3.24	.	.	.	.	.	15	.	.	.	.	15
3.25-3.49	.	.	.	.	.	4	1	.	.	.	5
3.50+	.	.	.	.	.	2	8	.	.	.	10
TOTAL	0	7489	1359	802	261	60	9	0	0	0	
MEAN HS(M)= 0.4 LARGEST HS(M)= 5.2 MEAN TP(SEC)= 3.4 TOTAL CASES= 93504.											



MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 039 (43.60N 78.45W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.5	0.5	0.4	0.4	0.3	0.4	0.2	0.3	0.3	0.5	0.5	0.4
1957	0.4	0.3	0.4	0.4	0.4	0.3	0.4	0.2	0.3	0.3	0.5	0.5	0.4
1958	0.4	0.7	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.6	0.4	0.4
1959	0.4	0.5	0.6	0.4	0.4	0.2	0.3	0.2	0.3	0.4	0.6	0.5	0.4
1960	0.6	0.7	0.4	0.5	0.3	0.3	0.3	0.2	0.3	0.3	0.6	0.6	0.4
1961	0.5	0.4	0.5	0.5	0.5	0.3	0.3	0.2	0.3	0.4	0.6	0.6	0.4
1962	0.6	0.5	0.4	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.6	0.4
1963	0.6	0.8	0.7	0.6	0.6	0.3	0.3	0.3	0.3	0.3	0.6	0.6	0.4
1964	0.8	0.6	0.7	0.5	0.6	0.4	0.3	0.3	0.3	0.4	0.5	0.5	0.5
1965	0.8	0.8	0.5	0.6	0.6	0.4	0.3	0.3	0.3	0.5	0.5	0.4	0.4
1966	0.7	0.5	0.6	0.6	0.5	0.3	0.4	0.3	0.4	0.5	0.6	0.6	0.5
1967	0.7	0.8	0.6	0.6	0.5	0.3	0.3	0.3	0.3	0.5	0.6	0.6	0.5
1968	0.5	0.9	0.6	0.6	0.4	0.4	0.3	0.3	0.3	0.5	0.8	0.6	0.5
1969	0.6	0.6	0.7	0.5	0.5	0.3	0.3	0.3	0.3	0.5	0.5	0.5	0.5
1970	0.4	0.6	0.5	0.6	0.3	0.3	0.3	0.2	0.3	0.3	0.5	0.5	0.5
1971	0.8	0.7	0.7	0.5	0.3	0.3	0.3	0.3	0.3	0.5	0.7	0.7	0.6
1972	0.9	0.7	0.7	0.6	0.3	0.3	0.3	0.2	0.3	0.4	0.6	0.6	0.5
1973	1.0	0.6	0.6	0.6	0.5	0.3	0.3	0.3	0.3	0.5	0.7	0.7	0.6
1974	0.7	0.6	0.8	0.7	0.5	0.4	0.4	0.2	0.3	0.5	0.6	0.6	0.5
1975	0.8	0.7	0.7	0.7	0.2	0.3	0.3	0.3	0.3	0.4	0.5	0.5	0.5
1976	0.6	0.8	0.8	0.6	0.5	0.3	0.3	0.3	0.3	0.5	0.7	0.7	0.6
1977	1.1	0.8	0.8	0.6	0.3	0.4	0.4	0.2	0.3	0.5	0.6	0.6	0.5
1978	0.9	0.6	0.5	0.6	0.4	0.4	0.3	0.3	0.3	0.6	0.8	0.8	0.6
1979	0.6	0.6	0.5	0.6	0.3	0.3	0.3	0.3	0.3	0.5	0.7	0.7	0.6
1980	0.7	0.6	0.6	0.5	0.3	0.3	0.3	0.3	0.3	0.5	0.5	0.5	0.5
1981	1.1	0.6	0.6	0.5	0.2	0.3	0.3	0.3	0.3	0.5	0.5	0.5	0.5
1982	0.6	0.7	0.7	0.9	0.2	0.3	0.3	0.3	0.3	0.3	0.5	0.5	0.5
1983	0.6	0.3	0.7	0.6	0.4	0.2	0.3	0.3	0.3	0.3	0.5	0.5	0.5
1984	0.6	0.4	0.5	0.3	0.5	0.3	0.3	0.2	0.3	0.3	0.6	0.6	0.5
1985	0.7	0.6	0.5	0.3	0.3	0.3	0.3	0.1	0.3	0.3	0.5	0.5	0.5
1986	0.7	0.4	0.6	0.4	0.4	0.3	0.3	0.2	0.3	0.3	0.5	0.5	0.5
1987	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
MEAN	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.6	

LARGEST HS(METERS) BY MONTH AND YEAR

WIS STATION 039 (43.60N 78.45W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.5	3.2	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1957	1.7	3.2	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1958	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1959	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1960	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1961	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1962	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1963	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1964	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1965	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1966	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1967	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1968	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1969	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1970	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1971	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1972	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1973	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1974	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1975	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1976	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1977	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1978	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1979	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1980	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1981	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1982	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1983	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1984	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1985	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1986	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	
1987	2.3	3.3	3.3	2.5	2.5	2.1	1.1	1.0	1.1	2.2	3.0	1.6	

32 YR. STATISTICS FOR WIS STATION 039

MEAN SIGNIFICANT WAVE HEIGHT . . . . . (METERS)	0.4
MEAN PEAK WAVE PERIOD . . . . . (SECONDS)	3.4
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND . . (DEGREES)	247.5
STANDARD DEVIATION OF WAVE HS . . . . . (METERS)	0.5
STANDARD DEVIATION OF WAVE TP . . . . . (SECONDS)	0.8
LARGEST WAVE HS . . . . . (METERS)	5.2
WAVE TP ASSOCIATED WITH LARGEST WAVE HS . . . . . (SECONDS)	9.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS . . (DEGREES)	264.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)	68120600

STATION 040 43.60N 78.05W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0+ LONGER	
0.00-0.24		1266									1266
0.25-0.49		573	13								586
0.50-0.74		257	124	9							390
0.75-0.99		8	98	3	1						110
1.00-1.24			99	19							118
1.25-1.49			1	23	1						25
1.50-1.74				13	1						14
1.75-1.99				5	3						8
2.00-2.24					7						7
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	2104	335	72	13	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.2 NO. OF CASES= 2367.

STATION 040 43.60N 78.05W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0+ LONGER	
0.00-0.24		996									996
0.25-0.49		402	9	1							412
0.50-0.74		196	103	5							304
0.75-0.99		4	63	13	1						81
1.00-1.24			27	34	2						63
1.25-1.49				12	3						15
1.50-1.74				6	5						11
1.75-1.99				1	2						3
2.00-2.24					1						1
2.25-2.49					1						1
2.50-2.74					3						3
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	1598	202	72	18	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.2 NO. OF CASES= 1775.

STATION 040 43.60N 78.05W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0+ LONGER	
0.00-0.24		1811									1811
0.25-0.49		817	10	1							828
0.50-0.74		366	205	12							583
0.75-0.99		13	139	66							218
1.00-1.24			51	113	4						168
1.25-1.49				13	5						18
1.50-1.74				26	8						34
1.75-1.99				5	10						15
2.00-2.24					22						22
2.25-2.49					6						6
2.50-2.74						1					1
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	3007	406	266	61	2	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.3 NO. OF CASES= 3509.

STATION 040 43.60N 78.05W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0+ LONGER	
0.00-0.24		1698									1698
0.25-0.49		811	23								834
0.50-0.74		347	242	23							612
0.75-0.99		12	129	67							208
1.00-1.24			35	88	10						133
1.25-1.49			2	33	9						44
1.50-1.74				20	3						23
1.75-1.99				2	1						3
2.00-2.24					4						4
2.25-2.49					1						1
2.50-2.74					1						1
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	2868	431	233	29	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.3 NO. OF CASES= 3338.



STATION 040 43.60N 78.05W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD											TOTAL
HEIGHT (METRES)	PEAK PERIOD(SECONDS)										
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2446	1	.	.	.	.	.	.	.	2447
0.25-0.49	.	968	18	.	.	.	.	.	.	.	986
0.50-0.74	.	357	238	26	.	.	.	.	.	.	621
0.75-0.99	.	10	68	71	.	.	.	.	.	.	149
1.00-1.24	.	.	37	60	3	.	.	.	.	.	100
1.25-1.49	.	.	1	17	9	1	.	.	.	.	27
1.50-1.74	.	.	.	3	7	1	.	.	.	.	11
1.75-1.99	.	.	.	.	2	1	.	.	.	.	3
2.00-2.24	.	.	.	.	1	1	.	.	.	.	2
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	1	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	1
3.00-3.24	.	.	.	.	.	2	.	.	.	.	2
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3781	363	177	22	6	0	0	0	0	4075.
MEAN HS(M) = 0.3	LARGEST HS(M)=		3.1	MEAN TP(SEC)=		3.2	NO. OF CASES=		4075.		

MEAN HS(M) = 0.3 LARGEST HS(M) = 3.1 MEAN TP(SEC) = 3.2 NO. OF CASES = 4075.

STATION 040 43.60N 78.05W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)	PEAK PERIOD (SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1925	.	.	.	.	.	.	.	.	1925
0.25-0.49	.	528	13	.	.	.	.	.	.	.	541
0.50-0.74	.	170	134	12	.	.	.	.	.	.	316
0.75-0.99	.	3	36	39	.	.	.	.	.	.	78
1.00-1.24	.	.	21	48	9	.	.	.	.	.	78
1.25-1.49	.	.	2	9	11	.	.	.	.	.	22
1.50-1.74	.	.	.	5	5	.	.	.	.	.	10
1.75-1.99	.	.	.	.	1	.	.	.	.	.	2
2.00-2.24	.	.	.	.	2	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	1	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2626	206	113	28	1	0	0	0	0	2788.
MEAN HS (M) = 0.2	LARGEST HS (M) = 2.3		MEAN TP (SEC) = 3.2		NO. OF CASES =		2788.				

MEAN HS(M) = 0.2 LARGEST HS(M) = 2.3 MEAN TP(SEC) = 3.2 NO. OF CASES = 2788.

STATION 040 43.60N 78.05W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)	PEAK PERIOD (SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2347	.	.	.	.	.	.	.	.	2347
0.25-0.49	.	552	21	.	.	.	.	.	.	.	573
0.50-0.74	.	193	148	29	.	.	.	.	.	.	370
0.75-0.99	.	14	51	34	.	.	.	.	.	.	99
1.00-1.24	.	.	33	23	8	.	.	.	.	.	64
1.25-1.49	.	.	1	8	5	.	.	.	.	.	14
1.50-1.74	.	.	.	5	6	.	.	.	.	.	11
1.75-1.99	.	.	.	1	1	.	.	.	.	.	2
2.00-2.24	.	.	.	1	.	1	.	.	.	.	2
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3106	254	101	20	1	0	0	0	0	3264.
MEAN HS (M) = 0.2	LARGEST HS (M) =		2.1		MEAN TP (SEC) =		3.2		NO. OF CASES =		3264.

MEAN HS(M) = 0.2 LARGEST HS(M) = 2.1 MEAN TP(SEC) = 3.2 NO. OF CASES = 3264.

STATION 040 43.60N 78.05W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2154	.	.	.	.	.	.	.	2154	
0.25-0.49	.	840	18	.	.	.	.	.	.	858	
0.50-0.74	.	382	80	21	.	.	.	.	.	483	
0.75-0.99	.	40	108	11	.	.	.	.	.	160	
1.00-1.24	.	.	79	4	.	.	.	.	.	83	
1.25-1.49	.	.	2	20	3	.	.	.	.	25	
1.50-1.74	.	.	.	25	4	.	.	.	.	29	
1.75-1.99	.	.	.	4	1	.	.	.	.	5	
2.00-2.24	.	.	.	.	1	.	.	.	.	0	
2.25-2.49	.	.	.	.	.	.	.	.	.	0	
2.50-2.74	.	.	.	.	.	.	.	.	.	0	
2.75-2.99	.	.	.	.	.	.	.	.	.	0	
3.00-3.24	.	.	.	.	.	.	.	.	.	0	
3.25-3.49	.	.	.	.	.	.	.	.	.	0	
3.50+	.	.	.	.	.	.	.	.	.	0	
TOTAL	0	1226	286	89	5	0	0	0	0	3380.	
MEAN HS(M) = 0.3	LARGEST HS(M)= 2.1		MEAN TP(SEC)= 3.1		NO. OF CASES=		3380.				

MEAN HS(M) = 0.3 LARGEST HS(M) = 2.1 MEAN TP(SEC) = 3.1 NO. OF CASES = 3380.

STATION 040 43.60N 78.05W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3426	10	.	.	.	.	.	.	.	3426
0.25-0.49	.	1030	31	.	.	.	.	.	.	.	1040
0.50-0.74	.	390	126	6	.	.	.	.	.	.	630
0.75-0.99	.	64	116	5	1	.	.	.	.	.	196
1.00-1.24	.	.	7	29	.	.	.	.	.	.	122
1.25-1.49	.	.	.	34	.	.	.	.	.	.	36
1.50-1.74	.	.	.	13	.	.	.	.	.	.	34
1.75-1.99	.	.	.	3	2	.	.	.	.	.	13
2.00-2.24	.	.	.	.	.	.	.	.	.	.	5
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5110	290	99	3	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.1 NO. OF CASES= 5152.

STATION 040 43.60N 78.05W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3265	1	.	.	.	.	.	.	.	3266
0.25-0.49	.	1423	6	.	.	.	.	.	.	.	1429
0.50-0.74	.	834	69	2	.	.	.	.	.	.	905
0.75-0.99	.	88	183	4	.	.	.	.	.	.	275
1.00-1.24	.	.	106	10	1	.	.	.	.	.	117
1.25-1.49	.	.	5	19	1	.	.	.	.	.	25
1.50-1.74	.	.	.	21	1	.	.	.	.	.	22
1.75-1.99	.	.	.	9	.	.	.	.	.	.	9
2.00-2.24	.	.	.	1	1	.	.	.	.	.	2
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5610	370	66	5	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.1 NO. OF CASES= 5665.

STATION 040 43.60N 78.05W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	4559	.	1	.	.	.	.	.	.	4559
0.25-0.49	.	2116	42	1	.	.	.	.	.	.	2159
0.50-0.74	.	1051	342	13	.	.	.	.	.	.	1406
0.75-0.99	.	102	351	1	1	.	.	.	.	.	468
1.00-1.24	.	.	290	23	2	.	.	.	.	.	326
1.25-1.49	.	.	18	75	1	.	.	.	.	.	78
1.50-1.74	.	.	.	19	2	1	.	.	.	.	21
1.75-1.99	.	.	.	2	10	.	.	.	.	.	21
2.00-2.24	.	.	.	.	3	.	.	.	.	.	3
2.25-2.49	.	.	.	.	3	.	.	.	.	.	7
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	1	.	.	.	.	1
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	7830	1043	213	36	2	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 3.2 NO. OF CASES= 8541.

STATION 040 43.60N 78.05W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	6489	9	.	.	.	.	.	.	.	6498
0.25-0.49	.	4124	440	21	.	.	.	.	.	.	4585
0.50-0.74	.	1685	2296	510	2	.	.	.	.	.	4493
0.75-0.99	.	149	932	726	19	.	.	.	.	.	1826
1.00-1.24	.	.	750	813	185	.	.	.	.	.	1748
1.25-1.49	.	.	32	389	217	2	.	.	.	.	640
1.50-1.74	.	.	3	336	313	9	.	.	.	.	661
1.75-1.99	.	.	.	104	160	45	.	.	.	.	309
2.00-2.24	.	.	.	13	258	61	2	.	.	.	354
2.25-2.49	.	.	.	.	154	25	2	.	.	.	181
2.50-2.74	.	.	.	.	89	77	2	.	.	.	168
2.75-2.99	.	.	.	.	7	58	4	.	.	.	69
3.00-3.24	.	.	.	.	3	73	9	.	.	.	85
3.25-3.49	.	.	.	.	.	21	22	.	.	.	43
3.50+	.	.	.	.	.	5	101	.	.	.	106
TOTAL	0	12447	4462	2912	1407	396	142	0	0	0	0

MEAN HS(M) = 0.6 LARGEST HS(M)= 5.4 MEAN TP(SEC)= 3.8 NO. OF CASES= 20372.

STATION 040 43.60N 78.05W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	5227	.	.	.	.	.	.	.	.	5227
0.25-0.49	.	2799	110	2	.	.	.	.	.	.	2911
0.50-0.74	.	1048	1460	243	.	.	.	.	.	.	2751
0.75-0.99	.	72	530	759	4	.	.	.	.	.	1345
1.00-1.24	.	.	237	940	162	.	.	.	.	.	1339
1.25-1.49	.	.	9	266	282	.	.	.	.	.	557
1.50-1.74	.	.	.	160	348	7	.	.	.	.	515
1.75-1.99	.	.	.	27	134	55	.	.	.	.	216
2.00-2.24	.	.	.	1	146	99	.	.	.	.	246
2.25-2.49	.	.	.	.	87	17	3	.	.	.	107
2.50-2.74	.	.	.	.	53	77	2	.	.	.	132
2.75-2.99	.	.	.	.	2	64	.	.	.	.	66
3.00-3.24	.	.	.	.	.	112	6	.	.	.	118
3.25-3.49	.	.	.	.	.	22	27	.	.	.	49
3.50+	.	.	.	.	.	3	93	.	.	.	96
TOTAL	0	9146	2346	2378	1218	456	131	0	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 5.1 MEAN TP(SEC)= 3.8 NO. OF CASES= 14672.

STATION 040 43.60N 78.05W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2542	1	.	.	.	.	.	.	.	2543
0.25-0.49	.	1791	68	1	.	.	.	.	.	.	1860
0.50-0.74	.	776	685	50	.	.	.	.	.	.	1511
0.75-0.99	.	40	517	164	.	.	.	.	.	.	721
1.00-1.24	.	3	494	309	24	.	.	.	.	.	830
1.25-1.49	.	.	22	171	55	.	.	.	.	.	248
1.50-1.74	.	.	.	147	78	1	.	.	.	.	226
1.75-1.99	.	.	.	44	48	5	.	.	.	.	97
2.00-2.24	.	.	.	.	65	11	.	.	.	.	76
2.25-2.49	.	.	.	.	37	2	.	.	.	.	39
2.50-2.74	.	.	.	.	21	9	.	.	.	.	30
2.75-2.99	.	.	.	.	.	16	.	.	.	.	16
3.00-3.24	.	.	.	.	.	10	.	.	.	.	10
3.25-3.49	.	.	.	.	.	9	3	.	.	.	12
3.50+	.	.	.	.	.	.	.	.	.	.	7
TOTAL	0	5152	1787	886	328	63	10	0	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 4.6 MEAN TP(SEC)= 3.6 NO. OF CASES= 7704.

STATION 040 43.60N 78.05W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1849	1	.	.	.	.	.	.	.	1850
0.25-0.49	.	1152	18	.	.	.	.	.	.	.	1170
0.50-0.74	.	681	236	7	.	.	.	.	.	.	924
0.75-0.99	.	19	300	308	.	.	.	.	.	.	319
1.00-1.24	.	.	3	23	1	.	.	.	.	.	332
1.25-1.49	.	.	.	47	.	.	.	.	.	.	50
1.50-1.74	.	.	.	56	.	.	.	.	.	.	56
1.75-1.99	.	.	.	19	.	.	.	.	.	.	26
2.00-2.24	.	.	.	.	18	.	.	.	.	.	18
2.25-2.49	.	.	.	.	3	1	.	.	.	.	4
2.50-2.74	.	.	.	.	.	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3701	866	152	29	0	0	0	0	0	

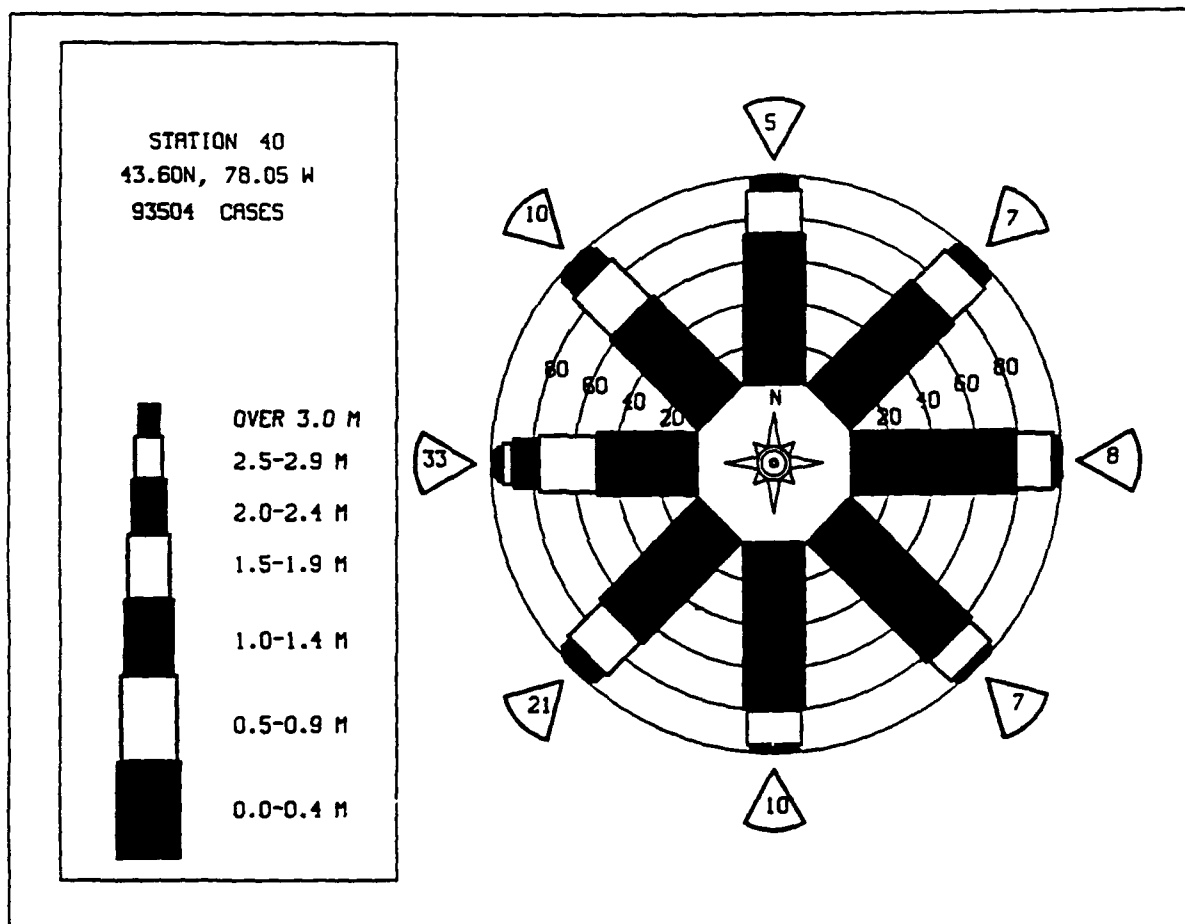
MEAN HS(M) = 0.4 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.3 NO. OF CASES= 4447.

STATION 040 43.60N 78.05W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1132	.	.	.	.	.	.	.	.	1132
0.25-0.49	.	593	11	.	.	.	.	.	.	.	604
0.50-0.74	.	359	135	2	.	.	.	.	.	.	496
0.75-0.99	.	16	178	1	.	.	.	.	.	.	195
1.00-1.24	.	.	127	18	1	.	.	.	.	.	146
1.25-1.49	.	.	1	17	.	.	.	.	.	.	18
1.50-1.74	.	.	.	16	.	.	.	.	.	.	16
1.75-1.99	.	.	.	9	.	.	.	.	.	.	9
2.00-2.24	.	.	.	.	4	.	.	.	.	.	4
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2100	452	63	5	0	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 3.2 NO. OF CASES= 2455.

STATION 040 43.60N 78.05W FOR ALL DIRECTIONS										
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
HEIGHT(METRES)	PEAK PERIOD(SECONDS)									
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER
0.00-0.24	.	4313	1	.	.	.	.	.	.	4314
0.25-0.49	.	2032	83	2	.	.	.	.	.	2117
0.50-0.74	.	930	653	98	.	.	.	.	.	1681
0.75-0.99	.	66	381	196	2	.	.	.	.	643
1.00-1.24	.	.	281	254	41	.	.	.	.	576
1.25-1.49	.	.	11	116	60	.	.	.	.	187
1.50-1.74	.	.	.	95	77	2	.	.	.	174
1.75-1.99	.	.	.	26	37	10	.	.	.	76
2.00-2.24	.	.	.	2	55	19	.	.	.	39
2.25-2.49	.	.	.	.	29	4	.	.	.	33
2.50-2.74	.	.	.	.	17	16	.	.	.	15
2.75-2.99	.	.	.	.	1	14	.	.	.	20
3.00-3.24	.	.	.	.	.	19	.	.	.	10
3.25-3.49	.	.	.	.	.	5	.	.	.	20
3.50+	.	.	.	.	.	.	20	.	.	20
TOTAL	0	7341	1410	789	319	89	20	0	0	93504
MEAN HS(M)=	0.5	LARGEST HS(M)=	5.4	MEAN TP(SEC)=	3.4	TOTAL CASES=				



MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 040 (43.60N 78.05W)

	MONTH												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1957	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1958	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1959	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1960	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1961	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1962	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1963	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1964	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1965	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1966	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1967	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1968	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1969	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1970	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1971	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1972	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1973	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1974	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1975	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1976	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1977	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1978	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1979	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1980	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1981	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1982	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1983	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1984	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1985	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1986	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
1987	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
MEAN	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 040 (43.60N 78.05W)

	MONTH												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1957	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1958	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1959	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1960	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1961	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1962	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1963	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1964	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1965	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1966	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1967	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1968	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1969	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1970	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1971	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1972	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1973	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1974	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1975	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1976	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1977	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1978	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1979	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1980	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1981	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1982	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1983	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1984	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1985	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1986	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	
1987	1.1	3.5	3.3	2.4	2.5	2.1	1.1	1.2	1.1	1.7	1.7	1.5	

32 YR. STATISTICS FOR WIS STATION 040

MEAN SIGNIFICANT WAVE HEIGHT	(METERS)	0.5
MEAN PEAK WAVE PERIOD	(SECONDS)	3.4
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND	(DEGREES)	247.5
STANDARD DEVIATION OF WAVE HS	(METERS)	0.5
STANDARD DEVIATION OF WAVE TP	(SECONDS)	0.9
LARGEST WAVE HS	(METERS)	5.4
WAVE TP ASSOCIATED WITH LARGEST WAVE HS	(SECONDS)	9.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS	(DEGREES)	250.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		71022812

STATION 041 43.60N 77.65W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1045	.	.	.	.	.	.	.	.	1045
0.25-0.49	.	559	13	.	.	.	.	.	.	.	572
0.50-0.74	.	286	114	6	.	.	.	.	.	.	406
0.75-0.99	.	8	122	7	.	.	.	.	.	.	137
1.00-1.24	.	.	90	27	2	.	.	.	.	.	119
1.25-1.49	.	.	1	24	.	.	.	.	.	.	25
1.50-1.74	.	.	.	20	2	.	.	.	.	.	22
1.75-1.99	.	.	.	5	3	.	.	.	.	.	8
2.00-2.24	.	.	.	.	6	.	.	.	.	.	6
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1898	340	89	14	0	0	0	0	0	0

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.2 NO. OF CASES= 2198.

STATION 041 43.60N 77.65W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	917	.	.	.	.	.	.	.	.	917
0.25-0.49	.	399	3	.	.	.	.	.	.	.	402
0.50-0.74	.	278	65	3	.	.	.	.	.	.	346
0.75-0.99	.	12	69	5	.	.	.	.	.	.	86
1.00-1.24	.	.	52	7	1	.	.	.	.	.	60
1.25-1.49	.	.	.	14	.	.	.	.	.	.	14
1.50-1.74	.	.	.	8	1	.	.	.	.	.	9
1.75-1.99	.	.	.	2	.	.	.	.	.	.	2
2.00-2.24	.	.	.	.	2	.	.	.	.	.	2
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1606	189	39	4	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.2 NO. OF CASES= 1725.

STATION 041 43.60N 77.65W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1659	.	2	.	.	.	.	.	.	1659
0.25-0.49	.	821	5	.	.	.	.	.	.	.	828
0.50-0.74	.	476	165	16	.	.	.	.	.	.	657
0.75-0.99	.	18	180	18	.	.	.	.	.	.	216
1.00-1.24	.	.	166	28	3	.	.	.	.	.	197
1.25-1.49	.	.	3	19	1	.	.	.	.	.	23
1.50-1.74	.	.	.	33	1	.	.	.	.	.	34
1.75-1.99	.	.	.	11	4	.	.	.	.	.	15
2.00-2.24	.	.	.	.	19	.	.	.	.	.	19
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2974	519	127	29	0	0	0	0	0	0

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.2 NO. OF CASES= 3420.

STATION 041 43.60N 77.65W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1617	.	.	.	.	.	.	.	.	1617
0.25-0.49	.	775	17	.	.	.	.	.	.	.	792
0.50-0.74	.	340	239	25	.	.	.	.	.	.	604
0.75-0.99	.	14	109	59	.	.	.	.	.	.	182
1.00-1.24	.	.	81	48	16	.	.	.	.	.	135
1.25-1.49	.	.	4	13	7	.	.	.	.	.	29
1.50-1.74	.	.	.	2	3	.	.	.	.	.	12
1.75-1.99	.	.	.	.	.	.	.	.	.	.	4
2.00-2.24	.	.	.	.	.	.	.	.	.	.	3
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2746	450	154	28	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 3.3 NO. OF CASES= 3166.

STATION 041 43.60N 77.65W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24		2384									2384
0.25-0.49		973	16								989
0.50-0.74		358	227								606
0.75-0.99		6	77	102							148
1.00-1.24			27	106							88
1.25-1.49				106	68						20
1.50-1.74											11
1.75-1.99											0
2.00-2.24					2	1					3
2.25-2.49					1						1
2.50-2.74						2					2
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	3721	347	159	22	3	0	0	0	0	3983

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.2 NO. OF CASES= 3983.

STATION 041 43.60N 77.65W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24		1872									1872
0.25-0.49		528	6								534
0.50-0.74		204	167	13							384
0.75-0.99		3	47	45	7						95
1.00-1.24			18	49							74
1.25-1.49				13	6						19
1.50-1.74				1	10						11
1.75-1.99					4						4
2.00-2.24					1	1					2
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	2607	238	121	29	1	0	0	0	0	2809

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.2 NO. OF CASES= 2809.

STATION 041 43.60N 77.65W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24		2176									2176
0.25-0.49		506	10								516
0.50-0.74		185	130	10							325
0.75-0.99		9	55	39							103
1.00-1.24			21	28	3						52
1.25-1.49				11	2						13
1.50-1.74				6	1						7
1.75-1.99					2						2
2.00-2.24											0
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	2876	216	94	8	0	0	0	0	0	2994

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.1 NO. OF CASES= 2994.

STATION 041 43.60N 77.65W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24		2017									2017
0.25-0.49		705	7								712
0.50-0.74		489	121	16							596
0.75-0.99		68	146	18							232
1.00-1.24			104	33							137
1.25-1.49			7	28							35
1.50-1.74				32	1						33
1.75-1.99				7	3						10
2.00-2.24				4	0						13
2.25-2.49					4						4
2.50-2.74					1						1
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	3259	385	128	18	0	0	0	0	0	3552

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.2 NO. OF CASES= 3552.

STATION 041 43.60N 77.65W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0- LONGER	
0.00-0.24	.	3209	.	.	.	.	.	.	.	.	3209
0.25-0.49	.	1162	5	.	.	.	.	.	.	.	1167
0.50-0.74	.	681	40	7	.	.	.	.	.	.	728
0.75-0.99	.	94	167	17	.	.	.	.	.	.	265
1.00-1.24	.	.	115	1	.	.	.	.	.	.	123
1.25-1.49	.	.	12	33	1	.	.	.	.	.	48
1.50-1.74	.	.	.	12	.	.	.	.	.	.	35
1.75-1.99	.	.	.	6	.	.	.	.	.	.	12
2.00-2.24	.	.	.	.	1	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5146	339	116	3	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.1 NO. OF CASES= 5247.

STATION 041 43.60N 77.65W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0- LONGER	
0.00-0.24	.	2992	.	.	.	.	.	.	.	.	2992
0.25-0.49	.	1451	2	.	.	.	.	.	.	.	1453
0.50-0.74	.	804	70	2	.	.	.	.	.	.	876
0.75-0.99	.	63	165	2	.	.	.	.	.	.	230
1.00-1.24	.	.	86	18	.	.	.	.	.	.	94
1.25-1.49	.	.	6	19	1	.	.	.	.	.	26
1.50-1.74	.	.	.	22	.	.	.	.	.	.	22
1.75-1.99	.	.	.	2	2	.	.	.	.	.	7
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5310	329	62	5	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.1 NO. OF CASES= 5341.

STATION 041 43.60N 77.65W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0- LONGER	
0.00-0.24	.	3710	.	.	.	.	.	.	.	.	3710
0.25-0.49	.	1755	22	1	.	.	.	.	.	.	1778
0.50-0.74	.	887	249	8	1	.	.	.	.	.	1145
0.75-0.99	.	90	291	7	.	.	.	.	.	.	388
1.00-1.24	.	.	252	14	2	.	.	.	.	.	268
1.25-1.49	.	.	21	42	2	.	.	.	.	.	65
1.50-1.74	.	.	.	57	1	.	.	.	.	.	58
1.75-1.99	.	.	.	21	14	.	.	.	.	.	25
2.00-2.24	.	.	.	2	6	.	.	.	.	.	15
2.25-2.49	.	.	.	.	1	.	.	.	.	.	6
2.50-2.74	.	.	.	.	2	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	1	.	.	.	.	2
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6442	835	152	33	1	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 3.2 NO. OF CASES= 6988.

STATION 041 43.60N 77.65W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0- LONGER	
0.00-0.24	.	6386	35	1	.	.	.	.	.	.	6422
0.25-0.49	.	3950	732	36	.	.	.	.	.	.	4718
0.50-0.74	.	1532	1941	637	7	.	.	.	.	.	4117
0.75-0.99	.	163	797	674	44	.	.	.	.	.	1680
1.00-1.24	.	2	643	680	270	2	.	.	.	.	1597
1.25-1.49	.	.	32	271	227	8	.	.	.	.	558
1.50-1.74	.	.	.	321	283	34	.	.	.	.	638
1.75-1.99	.	.	.	80	117	55	.	.	.	.	262
2.00-2.24	.	.	.	13	180	87	6	.	.	.	286
2.25-2.49	.	.	.	1	103	20	17	.	.	.	141
2.50-2.74	.	.	.	.	69	54	8	.	.	.	131
2.75-2.99	.	.	.	.	7	58	7	.	.	.	72
3.00-3.24	.	.	.	.	1	64	10	.	.	.	75
3.25-3.49	.	.	.	.	.	13	24	.	.	.	37
3.50+	.	.	.	.	.	5	104	2	0	0	111
TOTAL	0	12035	4200	2724	1308	400	176	2	0	0	0

MEAN HS(M) = 0.6 LARGEST HS(M)= 5.6 MEAN TP(SEC)= 3.8 NO. OF CASES= 19516.



STATION 041 43.60N 77.65W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		5810	1								5811
0.25-0.49		3422	357	7							3786
0.50-0.74		1089	1779	666	3						3537
0.75-0.99		87	475	935	22						1519
1.00-1.24		3	263	959	343						1568
1.25-1.49			12	201	361	5					579
1.50-1.74				187	388	25					600
1.75-1.99				33	132	81					246
2.00-2.24				3	134	179	12				328
2.25-2.49					88	29	18				135
2.50-2.74					42	89	20				151
2.75-2.99					2	58	2				62
3.00-3.24						86	21				107
3.25-3.49						19	42				61
3.50+						2	195	2	0	0	199
TOTAL	0	10411	2887	2991	1515	573	310	2	0	0	

MEAN HS(M) = 0.7 LARGEST HS(M)= 5.6 MEAN TP(SEC)= 3.9 NO. OF CASES= 17495.

STATION 041 43.60N 77.65W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		2635									2635
0.25-0.49		2009	69	1							2078
0.50-0.74		786	849	84							1719
0.75-0.99		44	442	279	3						768
1.00-1.24		1	181	468	62						710
1.25-1.49			5	278	81						364
1.50-1.74				134	112	5					271
1.75-1.99				21	77	13					84
2.00-2.24					77	17	2				96
2.25-2.49					47	14	1				53
2.50-2.74					35	25					60
2.75-2.99						14					14
3.00-3.24						25	1				26
3.25-3.49						3	1				4
3.50+							22				22
TOTAL	0	5475	1546	1283	468	106	27	0	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 5.2 MEAN TP(SEC)= 3.7 NO. OF CASES= 8338.

STATION 041 43.60N 77.65W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		1661	1								1662
0.25-0.49		1078	11								1089
0.50-0.74		561	357	7							925
0.75-0.99		26	281	81							388
1.00-1.24			125	235	1						361
1.25-1.49			2	140	1						143
1.50-1.74			1	87	9						97
1.75-1.99				7	25						32
2.00-2.24					41						41
2.25-2.49					17						17
2.50-2.74					19	2					21
2.75-2.99						7					7
3.00-3.24						1					1
3.25-3.49											0
3.50+											0
TOTAL	0	3326	778	557	113	10	0	0	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 3.5 NO. OF CASES= 4482.

STATION 041 43.60N 77.65W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		943									943
0.25-0.49		330	8								338
0.50-0.74		337	132								469
0.75-0.99		13	139								151
1.00-1.24			104	4							108
1.25-1.49				20							20
1.50-1.74				7							7
1.75-1.99					10						10
2.00-2.24											0
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	1843	428	118	11	0	0	0	0	0	

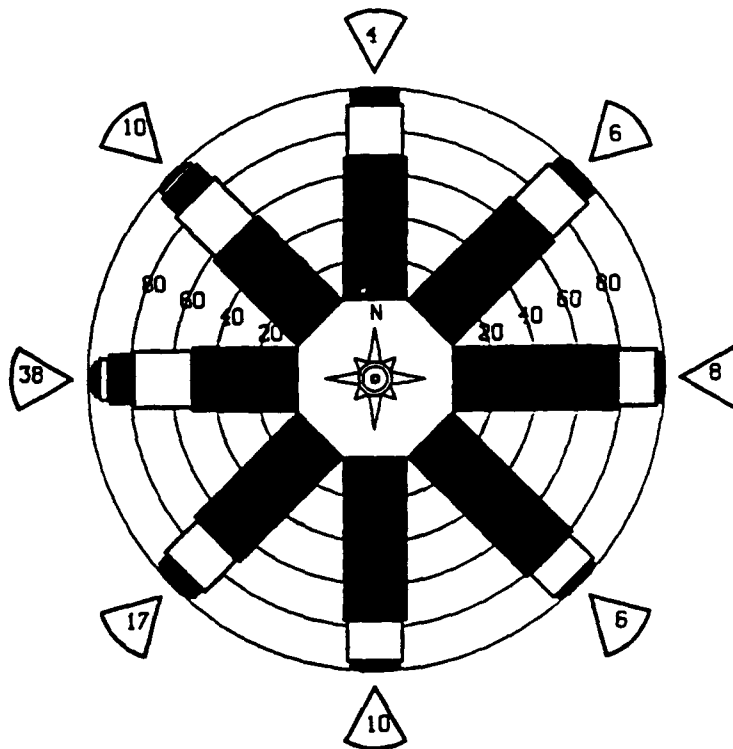
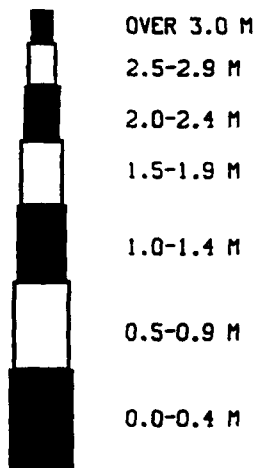
MEAN HS(M) = 0.4 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.3 NO. OF CASES= 2250.

STATION 041 43.60N 77.65W FOR ALL DIRECTIONS  
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (METRES)	PEAK PERIOD (SECONDS)											TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9	LONGER	
0.00-0.24	.	4104	3	.	.	.	.	.	.	.	.	4107
0.25-0.49	.	2065	128	4	.	.	.	.	.	.	.	2197
0.50-0.74	.	927	667	151	7	.	.	.	.	.	.	1746
0.75-0.99	.	72	359	223	70	.	.	.	.	.	.	663
1.00-1.24	.	.	233	270	70	1	.	.	.	.	.	573
1.25-1.49	.	.	12	116	70	14	.	.	.	.	.	199
1.50-1.74	.	.	.	100	82	6	.	.	.	.	.	188
1.75-1.99	.	.	.	23	35	28	2	.	.	.	.	72
2.00-2.24	.	.	.	3	27	5	3	.	.	.	.	83
2.25-2.49	.	.	.	.	17	17	2	.	.	.	.	35
2.50-2.74	.	.	.	.	1	14	3	.	.	.	.	36
2.75-2.99	.	.	.	.	.	17	3	.	.	.	.	15
3.00-3.24	.	.	.	.	.	3	6	.	.	.	.	20
3.25-3.49	.	.	.	.	.	3	6	.	.	.	.	9
3.50+	.	.	.	.	.	.	48	.	.	.	.	32
TOTAL	0	7168	1402	892	360	105	32	0	0	0		93504

MEAN HS(M)= 0.5 LARGEST HS(M)= 5.6 MEAN TP(SEC)= 3.5 TOTAL CASES= 93504.

STATION 41  
43.60N, 77.65 W  
93504 CASES



MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION O41 (43.60N 77.65W)

	MONTH												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.5	0.6	0.6	0.5	0.5	0.3	0.4	0.3	0.3	0.3	0.5	0.5	0.4
1957	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1958	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1959	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1960	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1961	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1962	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1963	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1964	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1965	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1966	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1967	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1968	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1969	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1970	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1971	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1972	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1973	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1974	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1975	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1976	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1977	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1978	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1979	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1980	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1981	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1982	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1983	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1984	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1985	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1986	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
1987	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
MEAN	0.7	0.7	0.6	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION O41 (43.60N 77.65W)

	MONTH												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	1.3	3.7	3.5	3.0	3.0	2.4	1.2	1.2	1.8	1.7	2.6	1.7	
1957	1.7	3.3	2.2	2.8	2.2	2.2	1.1	1.1	2.2	1.6	2.2	2.4	
1958	2.8	3.3	2.2	2.7	2.2	2.2	1.1	1.1	2.2	2.9	2.2	2.4	
1959	2.7	3.3	2.2	2.6	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1960	2.7	3.3	2.2	2.6	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1961	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1962	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1963	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1964	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1965	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1966	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1967	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1968	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1969	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1970	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1971	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1972	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1973	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1974	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1975	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1976	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1977	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1978	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1979	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1980	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1981	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1982	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1983	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1984	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1985	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1986	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	
1987	3.0	3.3	2.2	3.3	2.2	2.2	1.1	1.1	2.2	2.8	2.2	2.4	

32 YR. STATISTICS FOR WIS STATION O41

MEAN SIGNIFICANT WAVE HEIGHT	(METERS)	0.5
MEAN PEAK WAVE PERIOD	(SECONDS)	3.5
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND	(DEGREES)	247.5
STANDARD DEVIATION OF WAVE HS	(METERS)	0.5
STANDARD DEVIATION OF WAVE TP	(SECONDS)	0.9
LARGEST WAVE HS	(METERS)	5.6
WAVE TP ASSOCIATED WITH LARGEST WAVE HS	(SECONDS)	10.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS	(DEGREES)	261.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		75022615

STATION 042 43.60N 77.25W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1057	.	.	.	.	.	.	.	.	1057
0.25-0.49	.	575	20	.	.	.	.	.	.	.	595
0.50-0.74	.	378	40	6	.	.	.	.	.	.	424
0.75-0.99	.	55	93	10	.	.	.	.	.	.	158
1.00-1.24	.	.	48	7	.	.	.	.	.	.	55
1.25-1.49	.	.	6	13	.	.	.	.	.	.	19
1.50-1.74	.	.	.	18	.	.	.	.	.	.	18
1.75-1.99	.	.	.	1	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2065	207	55	0	0	0	0	0	0	2182

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 3.1 NO. OF CASES= 2182.

STATION 042 43.60N 77.25W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	967	.	.	.	.	.	.	.	.	967
0.25-0.49	.	512	10	1	.	.	.	.	.	.	523
0.50-0.74	.	272	86	5	.	.	.	.	.	.	363
0.75-0.99	.	19	59	10	.	.	.	.	.	.	88
1.00-1.24	.	.	55	7	3	.	.	.	.	.	65
1.25-1.49	.	.	5	7	1	.	.	.	.	.	13
1.50-1.74	.	.	.	2	5	.	.	.	.	.	7
1.75-1.99	.	.	.	4	.	.	.	.	.	.	4
2.00-2.24	.	.	.	1	2	.	.	.	.	.	3
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1770	215	37	11	0	0	0	0	0	1909

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 3.2 NO. OF CASES= 1909.

STATION 042 43.60N 77.25W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1709	.	.	.	.	.	.	.	.	1709
0.25-0.49	.	806	12	1	.	.	.	.	.	.	819
0.50-0.74	.	377	237	4	.	.	.	.	.	.	618
0.75-0.99	.	16	134	26	.	.	.	.	.	.	176
1.00-1.24	.	.	139	31	5	.	.	.	.	.	172
1.25-1.49	.	.	6	29	7	.	.	.	.	.	42
1.50-1.74	.	.	.	18	9	.	.	.	.	.	27
1.75-1.99	.	.	.	7	13	.	.	.	.	.	20
2.00-2.24	.	.	.	4	17	.	.	.	.	.	21
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2908	528	120	50	0	0	0	0	0	3380

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.3 NO. OF CASES= 3380.

STATION 042 43.60N 77.25W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1759	.	.	.	.	.	.	.	.	1759
0.25-0.49	.	813	4	.	.	.	.	.	.	.	817
0.50-0.74	.	359	302	13	.	.	.	.	.	.	674
0.75-0.99	.	6	99	85	.	.	.	.	.	.	190
1.00-1.24	.	.	70	75	1	.	.	.	.	.	146
1.25-1.49	.	.	6	25	10	.	.	.	.	.	41
1.50-1.74	.	.	.	9	13	.	.	.	.	.	22
1.75-1.99	.	.	.	2	6	.	.	.	.	.	8
2.00-2.24	.	.	.	.	5	.	.	.	.	.	5
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2937	481	209	36	0	0	0	0	0	3435

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.3 NO. OF CASES= 3435.

STATION 042 43.60N 77.25W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)	PEAK PERIOD (SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2553	.	.	.	.	.	.	.	.	2553
0.25-0.49	.	931	4	.	.	.	.	.	.	.	935
0.50-0.74	.	345	231	11	.	.	.	.	.	.	587
0.75-0.99	.	10	81	73	.	.	.	.	.	.	164
1.00-1.24	.	.	19	56	3	.	.	.	.	.	78
1.25-1.49	.	.	.	10	4	.	.	.	.	.	14
1.50-1.74	.	.	.	5	5	.	.	.	.	.	10
1.75-1.99	.	.	.	1	1	.	.	.	.	.	2
2.00-2.24	.	.	.	.	3	1	.	.	.	.	4
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	383	335	156	17	1	0	0	0	0	4073.
MEAN HS(M) = 0.3	LARGEST HS(M)= 2.3		MEAN TP(SEC)= 3.2		NO. OF CASES=						

STATION 042 43.60N 77.25W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)	PEAK PERIOD (SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1763	.	.	.	.	.	.	.	.	1763
0.25-0.49	.	424	4	.	.	.	.	.	.	.	428
0.50-0.74	.	195	132	7	.	.	.	.	.	.	334
0.75-0.99	.	2	40	38	.	.	.	.	.	.	80
1.00-1.24	.	.	12	33	.	.	.	.	.	.	45
1.25-1.49	.	.	.	10	3	.	.	.	.	.	13
1.50-1.74	.	.	.	7	1	.	.	.	.	.	8
1.75-1.99	.	.	.	.	1	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2384	188	95	6	0	0	0	0	0	
MEAN HS(M) = 0.2    LARGEST HS(M)= 2.3    MEAN TP(SEC)= 3.2    NO. OF CASES= 2506.											

STATION 042 43.60N 77.25W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)	PEAK PERIOD (SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2132	.	.	.	.	.	.	.	.	2132
0.25-0.49	.	466	4	.	.	.	.	.	.	.	470
0.50-0.74	.	180	86	2	.	.	.	.	.	.	268
0.75-0.99	.	6	38	11	.	.	.	.	.	.	55
1.00-1.24	.	.	10	17	.	.	.	.	.	.	27
1.25-1.49	.	.	.	3	.	.	.	.	.	.	3
1.50-1.74	.	.	.	4	.	.	.	.	.	.	4
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	1	.	.	.	.	.	1
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2784	138	37	1	0	0	0	0	0	
MEAN HS(M) = 0.2    LARGEST HS(M)= 2.0    MEAN TP(SEC)= 3.1    NO. OF CASES= 2773.											

STATION 042 43.60N 77.25W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)	PEAK PERIOD (SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	1823	.	.	.	.	.	.	.	.	1823
0.25-0.49	.	684	2	.	.	.	.	.	.	.	686
0.50-0.74	.	358	112	12	.	.	.	.	.	.	474
0.75-0.99	.	22	93	31	.	.	.	.	.	.	146
1.00-1.24	.	.	3	31	.	.	.	.	.	.	124
1.25-1.49	.	.	.	19	2	.	.	.	.	.	34
1.50-1.74	.	.	.	6	1	.	.	.	.	.	21
1.75-1.99	.	.	.	.	7	.	.	.	.	.	7
2.00-2.24	.	.	.	.	2	.	.	.	.	.	2
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2887	325	100	13	0	0	0	0	0	3208.
MEAN HS(M) = 0.3    LARGEST HS(M)= 2.5    MEAN TP(SEC)= 3.2    NO. OF CASES= 3208.											

STATION 042 43.60N 77.25W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2728	.	.	.	.	.	.	.	.	2728
0.25-0.49	.	999	1	.	.	.	.	.	.	.	1000
0.50-0.74	.	602	212	1	.	.	.	.	.	.	815
0.75-0.99	.	25	218	19	.	.	.	.	.	.	262
1.00-1.24	.	.	159	67	.	.	.	.	.	.	226
1.25-1.49	.	.	3	66	.	.	.	.	.	.	69
1.50-1.74	.	.	.	52	3	.	.	.	.	.	55
1.75-1.99	.	.	.	11	.	.	.	.	.	.	16
2.00-2.24	.	.	.	.	24	.	.	.	.	.	24
2.25-2.49	.	.	.	.	3	.	.	.	.	.	3
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4354	593	216	38	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.2 NO. OF CASES= 4870.

STATION 042 43.60N 77.25W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	2891	.	.	.	.	.	.	.	.	2891
0.25-0.49	.	1395	.	.	.	.	.	.	.	.	1395
0.50-0.74	.	752	241	.	.	.	.	.	.	.	993
0.75-0.99	.	34	242	10	.	.	.	.	.	.	286
1.00-1.24	.	.	151	47	1	.	.	.	.	.	199
1.25-1.49	.	.	2	34	.	.	.	.	.	.	36
1.50-1.74	.	.	.	29	.	.	.	.	.	.	29
1.75-1.99	.	.	.	6	.	.	.	.	.	.	6
2.00-2.24	.	.	.	1	10	.	.	.	.	.	11
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	2	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	5072	636	127	15	0	0	0	0	0	

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.2 NO. OF CASES= 5478.

STATION 042 43.60N 77.25W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	3621	2	.	.	.	.	.	.	.	3623
0.25-0.49	.	1701	5	1	.	.	.	.	.	.	1707
0.50-0.74	.	951	275	1	.	.	.	.	.	.	1227
0.75-0.99	.	75	348	6	.	.	.	.	.	.	429
1.00-1.24	.	.	258	49	.	.	.	.	.	.	307
1.25-1.49	.	.	8	65	.	.	.	.	.	.	73
1.50-1.74	.	.	.	62	1	.	.	.	.	.	63
1.75-1.99	.	.	.	26	3	.	.	.	.	.	29
2.00-2.24	.	.	.	1	22	.	.	.	.	.	23
2.25-2.49	.	.	.	.	5	.	.	.	.	.	7
2.50-2.74	.	.	.	.	5	.	.	.	.	.	5
2.75-2.99	.	.	.	.	1	.	.	.	.	.	1
3.00-3.24	.	.	.	.	1	.	.	.	.	.	1
3.25-3.49	.	.	.	.	.	1	.	.	.	.	1
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6348	896	211	40	1	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 3.2 NO. OF CASES= 7018.

STATION 042 43.60N 77.25W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24	.	5843	50	2	.	.	.	.	.	.	5895
0.25-0.49	.	3320	665	60	.	.	.	.	.	.	4045
0.50-0.74	.	1457	1516	506	19	.	.	.	.	.	3498
0.75-0.99	.	142	722	589	64	.	.	.	.	.	1517
1.00-1.24	.	2	548	533	232	.	.	.	.	.	1315
1.25-1.49	.	.	35	228	175	14	.	.	.	.	452
1.50-1.74	.	.	1	287	217	69	.	.	.	.	574
1.75-1.99	.	.	.	63	95	67	1	.	.	.	226
2.00-2.24	.	.	.	9	144	81	8	.	.	.	242
2.25-2.49	.	.	.	.	85	23	19	.	.	.	127
2.50-2.74	.	.	.	.	35	36	22	.	.	.	93
2.75-2.99	.	.	.	.	5	29	7	.	.	.	41
3.00-3.24	.	.	.	.	.	42	11	.	.	.	53
3.25-3.49	.	.	.	.	.	13	16	.	.	.	29
3.50+	.	.	.	.	.	4	72	.	.	.	81
TOTAL	0	10764	3537	2277	1071	378	156	5	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 6.0 MEAN TP(SEC)= 3.8 NO. OF CASES= 17028.

STATION 042 43.60N 77.25W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		6931	6								6937
0.25-0.49		3949	1047	66							5062
0.50-0.74		1025	2138	1318	6						4487
0.75-0.99		86	443	1164	104						1797
1.00-1.24		2	281	829	575	5					1692
1.25-1.49			11	218	432	24					685
1.50-1.74				165	387	88					640
1.75-1.99				27	117	130					274
2.00-2.24				4	134	174	41				353
2.25-2.49					74	26	48				148
2.50-2.74					27	67	51				145
2.75-2.99					2	70	14				86
3.00-3.24					1	72	26				99
3.25-3.49						14	62				76
3.50+						2	225	7	0	0	234
TOTAL	0	11993	3926	3791	1859	672	467	7	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 6.0 MEAN TP(SEC)= 4.0 NO. OF CASES= 21263.

STATION 042 43.60N 77.25W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		2852	10								2862
0.25-0.49		1759	202	10							1971
0.50-0.74		674	894	192							1760
0.75-0.99		48	351	411	8						818
1.00-1.24			151	570	89						810
1.25-1.49			2	224	110						336
1.50-1.74				159	139	13					311
1.75-1.99				19	62	21					102
2.00-2.24					79	36	4				119
2.25-2.49					51	6	5				62
2.50-2.74					29	18	4				51
2.75-2.99					1	23					24
3.00-3.24						17	7				24
3.25-3.49						1	35				36
3.50+							62				62
TOTAL	0	5333	1610	1585	568	135	102	0	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 5.6 MEAN TP(SEC)= 3.8 NO. OF CASES= 8704.

STATION 042 43.60N 77.25W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		1583	3								1586
0.25-0.49		838	34								872
0.50-0.74		404	290	18							712
0.75-0.99		26	71	158							255
1.00-1.24			101	154	5						258
1.25-1.49				64	16						80
1.50-1.74				55	16						71
1.75-1.99				4	20						24
2.00-2.24					11						11
2.25-2.49					10						11
2.50-2.74						1					1
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	2851	586	366	71	2	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 3.4 NO. OF CASES= 3633.

STATION 042 43.60N 77.25W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

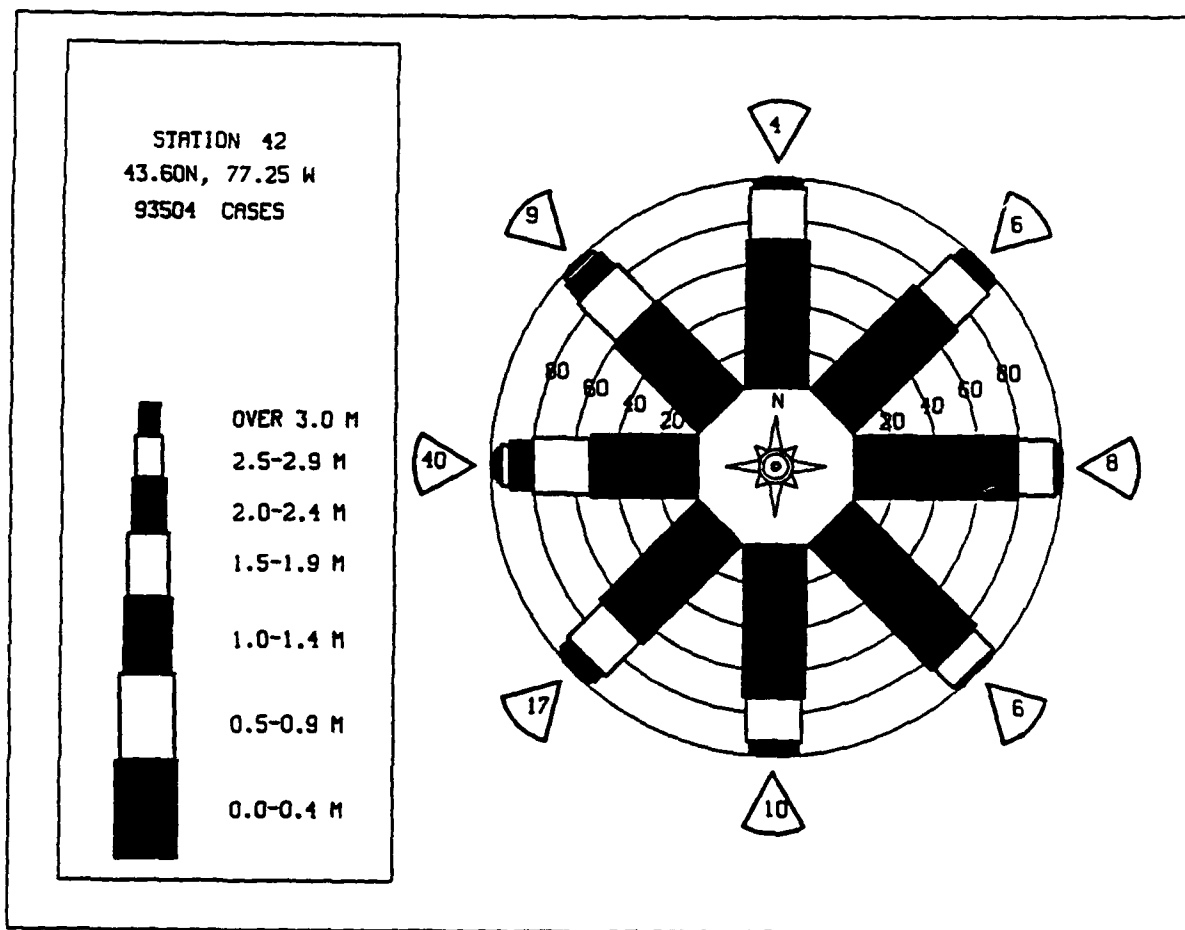
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		894									894
0.25-0.49		507	12								519
0.50-0.74		407	56	10							473
0.75-0.99		58	108	16							176
1.00-1.24			68	11							84
1.25-1.49				17							17
1.50-1.74				2							4
1.75-1.99					2						1
2.00-2.24					1						0
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	1866	244	66	3	0	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.2 NO. OF CASES= 2044.

STATION 042 43.60N 77.25W FOR ALL DIRECTIONS  
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	4121	7	.	.	.	.	.	.	.	4128
0.25-0.49	.	1968	203	14	.	.	.	.	.	.	2185
0.50-0.74	.	874	686	210	2	.	.	.	.	.	1772
0.75-0.99	.	63	325	255	17	.	.	.	.	.	660
1.00-1.24	.	.	217	232	91	.	.	.	.	.	550
1.25-1.49	.	.	9	104	74	3	.	.	.	.	190
1.50-1.74	.	.	.	91	80	17	.	.	.	.	188
1.75-1.99	.	.	.	18	31	21	.	.	.	.	70
2.00-2.24	.	.	.	2	47	29	5	.	.	.	83
2.25-2.49	.	.	.	.	24	5	7	.	.	.	36
2.50-2.74	.	.	.	.	11	12	7	.	.	.	30
2.75-2.99	.	.	.	.	.	12	2	.	.	.	14
3.00-3.24	.	.	.	.	.	13	4	.	.	.	17
3.25-3.49	.	.	.	.	.	3	8	.	.	.	11
3.50+	.	.	.	.	.	.	33	.	.	.	34
TOTAL	0	7026	1447	946	377	115	66	1	0	0	

MEAN HS(M)= 0.5 LARGEST HS(M)= 6.0 MEAN TP(SEC)= 3.5 TOTAL CASES= 93504.





MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 042 (43.60N 77.25W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	0.0	0.4	0.6	0.5	0.5	0.3	0.0	0.0	0.3	0.3	0.0	0.0	0.0
1957	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.7	0.7	0.6	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 042 (43.60N 77.25W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1957	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1958	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1959	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1960	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1961	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1962	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1963	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1964	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1965	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1966	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1967	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1968	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1969	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1970	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1971	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1972	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1973	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1974	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1975	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1976	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1977	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1978	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1979	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1980	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1981	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1982	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1983	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1984	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1985	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1986	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1987	1.1	1.1	1.3	1.7	1.7	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1

32 YR. STATISTICS FOR WIS STATION 042

MEAN SIGNIFICANT WAVE HEIGHT	(METERS)	0.5
MEAN PEAK WAVE PERIOD	(SECONDS)	3.5
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND	(DEGREES)	270.0
STANDARD DEVIATION OF WAVE HS	(METERS)	0.5
STANDARD DEVIATION OF WAVE TP	(SECONDS)	1.0
LARGEST WAVE HS	(METERS)	6.0
WAVE TP ASSOCIATED WITH LARGEST WAVE HS	(SECONDS)	10.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS	(DEGREES)	264.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		75022621

STATION 043 43.60N 76.85W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1268	.	.	.	.	.	.	.	.	1268
0.25-0.49	.	657	6	1	.	.	.	.	.	.	664
0.50-0.74	.	401	50	5	.	.	.	.	.	.	456
0.75-0.99	.	85	71	13	.	.	.	.	.	.	169
1.00-1.24	.	.	60	10	1	.	.	.	.	.	71
1.25-1.49	.	.	6	2	.	.	.	.	.	.	8
1.50-1.74	.	.	.	20	2	.	.	.	.	.	22
1.75-1.99	.	.	.	2	.	.	.	.	.	.	2
2.00-2.24	.	.	.	3	.	.	.	.	.	.	3
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2411	193	56	3	0	0	0	0	0	2497

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.1 NO. OF CASES= 2497.

STATION 043 43.60N 76.85W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1296	.	.	.	.	.	.	.	.	1296
0.25-0.49	.	574	1	.	.	.	.	.	.	.	575
0.50-0.74	.	290	147	2	.	.	.	.	.	.	439
0.75-0.99	.	16	73	29	.	.	.	.	.	.	118
1.00-1.24	.	.	12	36	.	.	.	.	.	.	48
1.25-1.49	.	.	.	10	4	.	.	.	.	.	14
1.50-1.74	.	.	.	8	4	.	.	.	.	.	12
1.75-1.99	.	.	.	1	2	.	.	.	.	.	3
2.00-2.24	.	.	.	.	2	.	.	.	.	.	2
2.25-2.49	.	.	.	.	4	.	.	.	.	.	4
2.50-2.74	.	.	.	.	1	.	.	.	.	.	1
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2176	233	86	17	0	0	0	0	0	2356

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.2 NO. OF CASES= 2356.

STATION 043 43.60N 76.85W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	1916	.	.	.	.	.	.	.	.	1916
0.25-0.49	.	717	4	.	.	.	.	.	.	.	721
0.50-0.74	.	285	288	1	.	.	.	.	.	.	584
0.75-0.99	.	8	125	81	.	.	.	.	.	.	214
1.00-1.24	.	.	28	93	4	.	.	.	.	.	125
1.25-1.49	.	.	.	38	14	.	.	.	.	.	52
1.50-1.74	.	.	.	10	26	.	.	.	.	.	36
1.75-1.99	.	.	.	1	7	.	.	.	.	.	8
2.00-2.24	.	.	.	.	13	.	.	.	.	.	13
2.25-2.49	.	.	.	.	6	.	.	.	.	.	6
2.50-2.74	.	.	.	.	1	1	.	.	.	.	2
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2936	443	224	71	1	0	0	0	0	3447

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.3 NO. OF CASES= 3447.

STATION 043 43.60N 76.85W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0- LONGER	
0.00-0.24	.	2070	.	.	.	.	.	.	.	.	2070
0.25-0.49	.	924	1	.	.	.	.	.	.	.	928
0.50-0.74	.	482	326	.	.	.	.	.	.	.	808
0.75-0.99	.	20	150	85	.	.	.	.	.	.	255
1.00-1.24	.	.	40	111	.	.	.	.	.	.	151
1.25-1.49	.	.	.	32	.	.	.	.	.	.	32
1.50-1.74	.	.	.	12	.	.	.	.	.	.	12
1.75-1.99	.	.	.	1	.	.	.	.	.	.	1
2.00-2.24	.	.	.	.	6	.	.	.	.	.	6
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3496	520	243	22	0	0	0	0	0	4009

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.3 NO. OF CASES= 4009.

STATION 043 43.60N 76.85W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	2445	.	.	.	.	.	.	.	.	2445
0.25-0.49	.	838	.	.	.	.	.	.	.	.	838
0.50-0.74	.	312	163	3	.	.	.	.	.	.	478
0.75-0.99	.	8	95	21	.	.	.	.	.	.	125
1.00-1.24	.	.	26	19	1	.	.	.	.	.	79
1.25-1.49	.	.	.	5	3	.	.	.	.	.	20
1.50-1.74	.	.	.	1	.	.	.	.	.	.	8
1.75-1.99	.	.	.	.	3	.	.	.	.	.	1
2.00-2.24	.	.	.	.	.	.	.	.	.	.	3
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3604	284	102	7	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 3.1 NO. OF CASES= 3743.

STATION 043 43.60N 76.85W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1638	.	.	.	.	.	.	.	.	1638
0.25-0.49	.	393	.	.	.	.	.	.	.	.	393
0.50-0.74	.	161	63	1	.	.	.	.	.	.	225
0.75-0.99	.	2	31	11	.	.	.	.	.	.	44
1.00-1.24	.	.	20	13	.	.	.	.	.	.	33
1.25-1.49	.	.	.	4	1	.	.	.	.	.	5
1.50-1.74	.	.	.	1	1	.	.	.	.	.	2
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2194	114	30	2	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.5 MEAN TP(SEC)= 3.1 NO. OF CASES= 2192.

STATION 043 43.60N 76.85W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1999	.	.	.	.	.	.	.	.	1999
0.25-0.49	.	493	.	.	.	.	.	.	.	.	493
0.50-0.74	.	211	34	.	.	.	.	.	.	.	245
0.75-0.99	.	11	34	.	.	.	.	.	.	.	45
1.00-1.24	.	.	24	2	.	.	.	.	.	.	26
1.25-1.49	.	.	1	1	.	.	.	.	.	.	2
1.50-1.74	.	.	.	4	.	.	.	.	.	.	4
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2714	93	7	0	0	0	0	0	0	0

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 3.0 NO. OF CASES= 2635.

STATION 043 43.60N 76.85W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	1756	.	.	.	.	.	.	.	.	1756
0.25-0.49	.	649	1	.	.	.	.	.	.	.	650
0.50-0.74	.	374	41	.	.	.	.	.	.	.	415
0.75-0.99	.	31	99	1	.	.	.	.	.	.	131
1.00-1.24	.	.	8	9	.	.	.	.	.	.	78
1.25-1.49	.	.	.	12	.	.	.	.	.	.	20
1.50-1.74	.	.	.	9	.	.	.	.	.	.	9
1.75-1.99	.	.	.	7	.	.	.	.	.	.	7
2.00-2.24	.	.	.	1	2	.	.	.	.	.	3
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2810	218	39	3	0	0	0	0	0	0

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.1 NO. OF CASES= 2876.

STATION 043 43.60N 76.85W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0+ LONGER	
0.00-0.24	.	2538	.	.	.	.	.	.	.	.	2538
0.25-0.49	.	922	.	.	.	.	.	.	.	.	922
0.50-0.74	.	635	145	.	.	.	.	.	.	.	780
0.75-0.99	.	32	229	4	.	.	.	.	.	.	265
1.00-1.24	.	.	209	32	.	.	.	.	.	.	241
1.25-1.49	.	.	3	37	.	.	.	.	.	.	40
1.50-1.74	.	.	.	35	.	.	.	.	.	.	35
1.75-1.99	.	.	.	20	4	.	.	.	.	.	24
2.00-2.24	.	.	.	1	22	.	.	.	.	.	23
2.25-2.49	.	.	.	.	2	.	.	.	.	.	2
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4127	586	169	32	0	0	0	0	0	4602

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 3.2 NO. OF CASES= 4602.

STATION 043 43.60N 76.85W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0+ LONGER	
0.00-0.24	.	2330	.	.	.	.	.	.	.	.	2330
0.25-0.49	.	1018	5	.	.	.	.	.	.	.	1023
0.50-0.74	.	623	219	5	.	.	.	.	.	.	847
0.75-0.99	.	31	223	5	.	.	.	.	.	.	259
1.00-1.24	.	.	163	31	.	.	.	.	.	.	194
1.25-1.49	.	.	.	26	.	.	.	.	.	.	26
1.50-1.74	.	.	.	17	.	.	.	.	.	.	17
1.75-1.99	.	.	.	8	.	.	.	.	.	.	8
2.00-2.24	.	.	.	.	7	.	.	.	.	.	7
2.25-2.49	.	.	.	.	1	.	.	.	.	.	1
2.50-2.74	.	.	.	.	2	.	.	.	.	.	2
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4002	610	92	10	0	0	0	0	0	4413

MEAN HS(M) = 0.3 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.2 NO. OF CASES= 4413.

STATION 043 43.60N 76.85W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0+ LONGER	
0.00-0.24	.	3673	.	.	.	.	.	.	.	.	3673
0.25-0.49	.	1526	19	.	.	.	.	.	.	.	1545
0.50-0.74	.	751	310	10	.	.	.	.	.	.	1071
0.75-0.99	.	51	285	65	.	.	.	.	.	.	401
1.00-1.24	.	.	118	111	.	.	.	.	.	.	229
1.25-1.49	.	.	6	53	3	.	.	.	.	.	62
1.50-1.74	.	.	.	41	4	.	.	.	.	.	45
1.75-1.99	.	.	.	10	7	.	.	.	.	.	17
2.00-2.24	.	.	.	1	13	.	.	.	.	.	14
2.25-2.49	.	.	.	.	8	.	.	.	.	.	8
2.50-2.74	.	.	.	.	2	.	.	.	.	.	2
2.75-2.99	.	.	.	.	3	.	.	.	.	.	6
3.00-3.24	.	.	.	.	.	.	.	.	.	.	2
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	1
TOTAL	0	6003	738	291	40	6	0	0	0	0	6628

MEAN HS(M) = 0.3 LARGEST HS(M)= 3.7 MEAN TP(SEC)= 3.2 NO. OF CASES= 6628.

STATION 043 43.60N 76.85W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0+ LONGER	
0.00-0.24	.	5617	85	4	.	.	.	.	.	.	5706
0.25-0.49	.	3066	507	53	1	.	.	.	.	.	3627
0.50-0.74	.	1376	1489	420	23	.	.	.	.	.	3308
0.75-0.99	.	95	588	669	45	.	.	.	.	.	1407
1.00-1.24	.	1	309	638	223	1	.	.	.	.	1173
1.25-1.49	.	.	13	287	141	9	.	.	.	.	430
1.50-1.74	.	.	.	192	193	69	.	.	.	.	454
1.75-1.99	.	.	.	31	90	55	5	.	.	.	201
2.00-2.24	.	.	.	9	116	54	10	.	.	.	189
2.25-2.49	.	.	.	.	72	18	10	.	.	.	100
2.50-2.74	.	.	.	.	42	40	24	.	.	.	106
2.75-2.99	.	.	.	.	1	36	8	.	.	.	45
3.00-3.24	.	.	.	.	.	39	7	.	.	.	46
3.25-3.49	.	.	.	.	.	11	16	.	.	.	27
3.50+	.	.	.	.	.	2	38	.	.	.	45
TOTAL	0	10155	3001	2324	947	328	118	3	0	0	15805

MEAN HS(M) = 0.6 LARGEST HS(M)= 6.2 MEAN TP(SEC)= 3.7 NO. OF CASES= 15805.

STATION 043 43.60N 76.85W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0 3.9	3.0- 4.9	4.0- 5.9	5.0- 6.9	6.0- 7.9	7.0- 8.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		7934	64	188	1						7998
0.25-0.49		4342	1933	2128	45						6454
0.50-0.74		1005	2218	2128	250						5396
0.75-0.99		74	478	1284	482						2086
1.00-1.24		1	248	847	781						1886
1.25-1.49			10	244	482	57					793
1.50-1.74				143	377	211					735
1.75-1.99				18	126	122	5				271
2.00-2.24				1	124	183	34				342
2.25-2.49					52	47	65				174
2.50-2.74					23	86	69				178
2.75-2.99						49	33				82
3.00-3.24						58	38				96
3.25-3.49						10	63				73
3.50+						2	239	23			264
TOTAL	0	13356	4951	4853	2271	834	550	23	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 6.4 MEAN TP(SEC)= 4.0 NO. OF CASES= 25113.

STATION 043 43.60N 76.85W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0 3.9	3.0- 4.9	4.0- 5.9	5.0- 6.9	6.0- 7.9	7.0- 8.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		2472	35	1							2508
0.25-0.49		1397	313	12							1722
0.50-0.74		670	746	253	3						1672
0.75-0.99		47	357	340	17						761
1.00-1.24			413	363	105						881
1.25-1.49			33	135	113	6					287
1.50-1.74				95	185	16					296
1.75-1.99				25	39	18					82
2.00-2.24				11	77	29	9				126
2.25-2.49					26	18	7				51
2.50-2.74					9	19	5				33
2.75-2.99					1	11	5				15
3.00-3.24						5	6				8
3.25-3.49						4	2				10
3.50+							22	1			23
TOTAL	0	4586	1897	1235	575	126	55	1	0	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 6.3 MEAN TP(SEC)= 3.8 NO. OF CASES= 7942.

STATION 043 43.60N 76.85W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0 3.9	3.0- 4.9	4.0- 5.9	5.0- 6.9	6.0- 7.9	7.0- 8.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		1391	4								1395
0.25-0.49		678	32	1							711
0.50-0.74		399	150	8	1						558
0.75-0.99		28	137	13							178
1.00-1.24			176	14	1						191
1.25-1.49			6	20	1						27
1.50-1.74				31	4						35
1.75-1.99				3							3
2.00-2.24				2	7						9
2.25-2.49					1						1
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	2496	505	92	15	0	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 3.2 NO. OF CASES= 2915.

STATION 043 43.60N 76.85W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

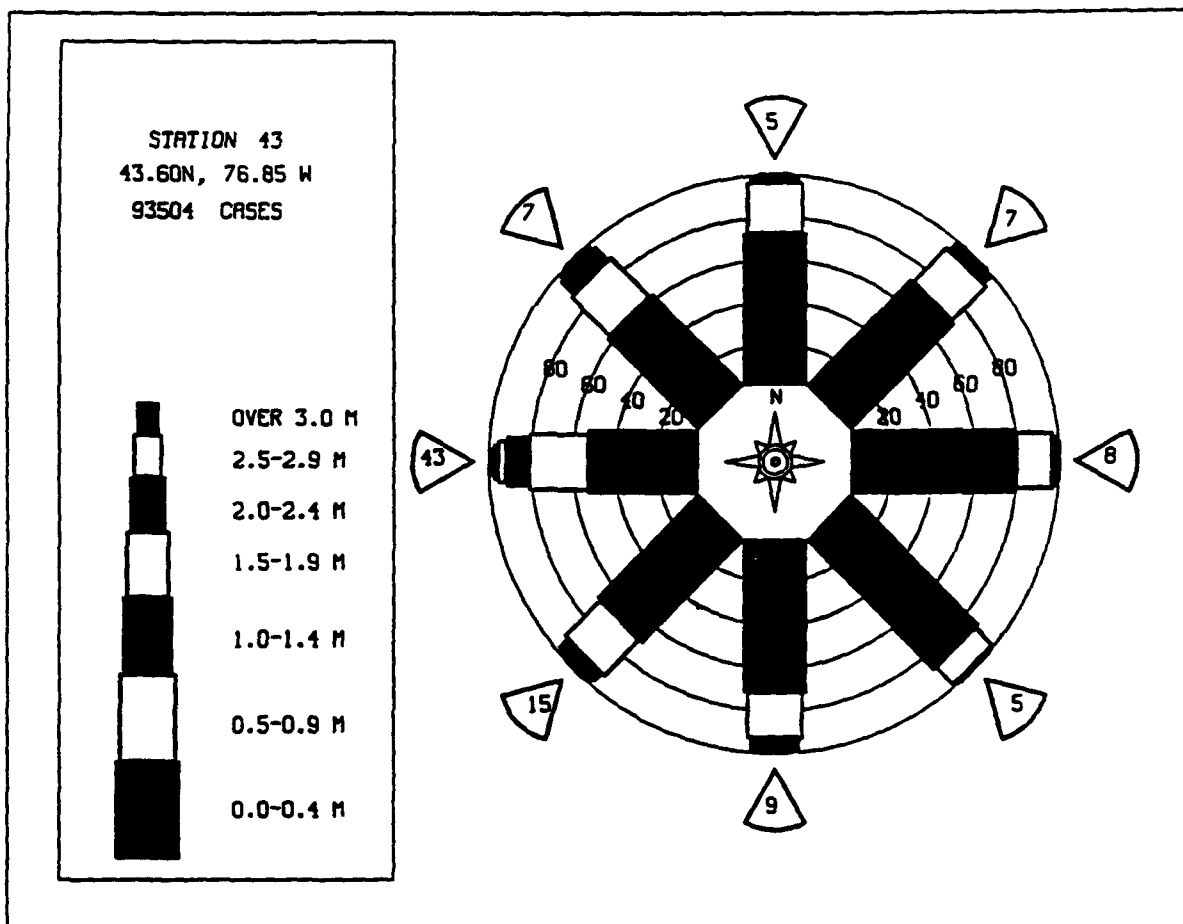
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0 3.9	3.0- 4.9	4.0- 5.9	5.0- 6.9	6.0- 7.9	7.0- 8.9	8.0- 9.9	10.0- 10.9	11.0- 11.9	12.0- LONGER	
0.00-0.24		1071									1071
0.25-0.49		592	3								595
0.50-0.74		437	58	4							499
0.75-0.99		63	142	3							208
1.00-1.24			78	4							82
1.25-1.49			4	6							10
1.50-1.74				17							17
1.75-1.99				3							3
2.00-2.24					3						3
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	2163	285	37	3	0	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 3.1 NO. OF CASES= 2331.

STATION 043 43.60N 76.85W FOR ALL DIRECTIONS  
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0+ LONGER	
0.00-0.24	.	4142	18	.	.	.	.	.	.	.	4160
0.25-0.49	.	1878	283	25	.	.	.	.	.	.	2187
0.50-0.74	.	842	645	284	7	.	.	.	.	.	1778
0.75-0.99	.	60	313	263	31	.	.	.	.	.	657
1.00-1.24	.	.	200	237	111	1	.	.	.	.	549
1.25-1.49	.	.	.	95	76	7	.	.	.	.	187
1.50-1.74	.	.	.	66	80	29	.	.	.	.	175
1.75-1.99	.	.	.	15	28	19	.	.	.	.	63
2.00-2.24	.	.	.	3	39	26	.	.	.	.	73
2.25-2.49	.	.	.	.	19	8	.	.	.	.	35
2.50-2.74	.	.	.	.	8	14	.	.	.	.	31
2.75-2.99	.	.	.	.	.	10	.	.	.	.	14
3.00-3.24	.	.	.	.	.	9	.	.	.	.	13
3.25-3.49	.	.	.	.	.	2	.	.	.	.	10
3.50+	.	.	.	.	.	.	30	.	.	.	32
TOTAL	0	6923	1468	988	399	125	69	2	0	0	93504

MEAN HS(M)= 0.5 LARGEST HS(M)= 6.4 MEAN TP(SEC)= 3.6 TOTAL CASES= 93504.



MEAN HS(METERS) BY MONTH AND YEAR  
WIS STATION 043 (43.60N 76.85W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.6	0.4
1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.6	

LARGEST HS(METERS) BY MONTH AND YEAR  
WIS STATION 043 (43.60N 76.85W)

YEAR	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
1957	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1958	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1959	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1960	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1961	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1962	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1963	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1964	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1965	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1966	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1967	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1968	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1969	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1970	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1971	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1972	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1973	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1974	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1975	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1976	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1977	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1978	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1979	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1980	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1981	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1982	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1983	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1984	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1985	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1986	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
1987	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	

32 YR. STATISTICS FOR WIS STATION 043

MEAN SIGNIFICANT WAVE HEIGHT	(METERS)	0.5
MEAN PEAK WAVE PERIOD	(SECONDS)	3.6
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND	(DEGREES)	270.0
STANDARD DEVIATION OF WAVE HS	(METERS)	0.5
STANDARD DEVIATION OF WAVE TP	(SECONDS)	1.0
LARGEST WAVE HS	(METERS)	6.4
WAVE TP ASSOCIATED WITH LARGEST WAVE HS	(SECONDS)	10.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS	(DEGREES)	262.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)		75022621

STATION 044 43.75N 76.65W AZIMUTH(DEGREES) = 0.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24		1456									1456
0.25-0.49		691	1								692
0.50-0.74		480	193								673
0.75-0.99		18	202	5							225
1.00-1.24			180	65							245
1.25-1.49			2	43							45
1.50-1.74				37							37
1.75-1.99				8	4						12
2.00-2.24					14						14
2.25-2.49					5						5
2.50-2.74					3						3
2.75-2.99											0
3.00-3.24						1					1
3.25-3.49											0
3.50+											0
TOTAL	0	2645	578	158	26	1	0	0	0	0	3194

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 3.3 NO. OF CASES= 3194.

STATION 044 43.75N 76.65W AZIMUTH(DEGREES) = 22.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24		1367									1367
0.25-0.49		717									717
0.50-0.74		505	149								654
0.75-0.99		4	147	8							159
1.00-1.24			119	31							150
1.25-1.49			1	32							33
1.50-1.74				14							14
1.75-1.99					5						5
2.00-2.24					13						13
2.25-2.49					4						4
2.50-2.74					2						2
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	2593	416	85	24	0	0	0	0	0	2923

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.2 NO. OF CASES= 2923.

STATION 044 43.75N 76.65W AZIMUTH(DEGREES) = 45.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24		2137									2137
0.25-0.49		1094									1094
0.50-0.74		624	213								837
0.75-0.99		12	271	2							285
1.00-1.24			273	43							316
1.25-1.49			1	64							65
1.50-1.74				41							41
1.75-1.99				31	10						41
2.00-2.24					19						19
2.25-2.49					1						1
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	3867	758	181	30	0	0	0	0	0	4529

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 3.3 NO. OF CASES= 4529.

STATION 044 43.75N 76.65W AZIMUTH(DEGREES) = 67.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24		1840									1840
0.25-0.49		980									980
0.50-0.74		542	196								738
0.75-0.99		14	188	1							203
1.00-1.24			225	24							249
1.25-1.49				22							22
1.50-1.74				17							17
1.75-1.99				5	2						7
2.00-2.24					1						1
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	3376	609	69	3	0	0	0	0	0	3799

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.2 NO. OF CASES= 3799.



STATION 044 43.75N 76.65W AZIMUTH(DEGREES) = 90.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9	
0.00-0.24	.	1993	1	.	.	.	.	.	.	.	1994
0.25-0.49	.	736	.	.	.	.	.	.	.	.	736
0.50-0.74	.	306	104	.	.	.	.	.	.	.	410
0.75-0.99	.	7	87	.	.	.	.	.	.	.	94
1.00-1.24	.	.	94	11	.	.	.	.	.	.	105
1.25-1.49	.	.	.	12	.	.	.	.	.	.	12
1.50-1.74	.	.	.	6	.	.	.	.	.	.	6
1.75-1.99	.	.	.	1	1	.	.	.	.	.	2
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3042	286	30	1	0	0	0	0	0	3147

MEAN HS(M) = 0.3 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.1 NO. OF CASES= 3147.

STATION 044 43.75N 76.65W AZIMUTH(DEGREES) = 112.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9	
0.00-0.24	.	1251	.	.	.	.	.	.	.	.	1251
0.25-0.49	.	328	.	.	.	.	.	.	.	.	328
0.50-0.74	.	167	44	.	.	.	.	.	.	.	211
0.75-0.99	.	3	53	1	.	.	.	.	.	.	57
1.00-1.24	.	.	42	6	.	.	.	.	.	.	48
1.25-1.49	.	.	.	5	.	.	.	.	.	.	5
1.50-1.74	.	.	.	2	.	.	.	.	.	.	2
1.75-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1749	139	14	0	0	0	0	0	0	1783

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.6 MEAN TP(SEC)= 3.1 NO. OF CASES= 1783.

STATION 044 43.75N 76.65W AZIMUTH(DEGREES) = 135.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9	
0.00-0.24	.	1483	.	.	.	.	.	.	.	.	1483
0.25-0.49	.	426	.	.	.	.	.	.	.	.	426
0.50-0.74	.	250	34	.	.	.	.	.	.	.	284
0.75-0.99	.	20	68	.	.	.	.	.	.	.	88
1.00-1.24	.	.	53	1	.	.	.	.	.	.	54
1.25-1.49	.	.	3	2	.	.	.	.	.	.	5
1.50-1.74	.	.	.	8	.	.	.	.	.	.	8
1.75-1.99	.	.	.	2	.	.	.	.	.	.	2
2.00-2.24	.	.	.	.	.	.	.	.	.	.	0
2.25-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.74	.	.	.	.	.	.	.	.	.	.	0
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2179	158	13	0	0	0	0	0	0	2201

MEAN HS(M) = 0.2 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 3.1 NO. OF CASES= 2201.

STATION 044 43.75N 76.65W AZIMUTH(DEGREES) = 157.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9	
0.00-0.24	.	1407	.	.	.	.	.	.	.	.	1407
0.25-0.49	.	599	.	.	.	.	.	.	.	.	599
0.50-0.74	.	481	44	.	.	.	.	.	.	.	525
0.75-0.99	.	63	104	1	.	.	.	.	.	.	168
1.00-1.24	.	.	116	6	.	.	.	.	.	.	122
1.25-1.49	.	.	10	23	.	.	.	.	.	.	33
1.50-1.74	.	.	.	35	.	.	.	.	.	.	35
1.75-1.99	.	.	.	6	.	.	.	.	.	.	6
2.00-2.24	.	.	.	2	.	.	.	.	.	.	2
2.25-2.49	.	.	.	.	7	.	.	.	.	.	7
2.50-2.74	.	.	.	.	2	.	.	.	.	.	2
2.75-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.24	.	.	.	.	.	.	.	.	.	.	0
3.25-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2550	274	73	11	0	0	0	0	0	2726

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.2 NO. OF CASES= 2726.

STATION 044 43.75N 76.65W AZIMUTH(DEGREES) =180.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24		2441	1								2442
0.25-0.49		1091									1091
0.50-0.74		783	126	1							910
0.75-0.99		84	264	8							366
1.00-1.24		1	271	33							305
1.25-1.49			20	81							101
1.50-1.74				112							112
1.75-1.99				32							36
2.00-2.24				11	32						43
2.25-2.49					7						7
2.50-2.74					8						8
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	4410	682	278	51	0	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 3.3 NO. OF CASES= 5076.

STATION 044 43.75N 76.65W AZIMUTH(DEGREES) =202.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24		2382	4								2386
0.25-0.49		1281	11	2							1294
0.50-0.74		744	227	8							979
0.75-0.99		56	286	18							360
1.00-1.24		1	219	47	1						268
1.25-1.49			8	52	1						61
1.50-1.74				40	1						41
1.75-1.99				18							21
2.00-2.24				3	13						16
2.25-2.49					2						2
2.50-2.74					1						1
2.75-2.99											0
3.00-3.24					1	1					2
3.25-3.49											0
3.50+											0
TOTAL	0	4464	755	188	23	1	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 3.2 NO. OF CASES= 5067.

STATION 044 43.75N 76.65W AZIMUTH(DEGREES) =225.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24		3466	4	1							3470
0.25-0.49		1870	53								1924
0.50-0.74		918	476	34							1428
0.75-0.99		70	273	130	1						474
1.00-1.24		1	141	159	2						303
1.25-1.49			8	87	5						100
1.50-1.74				68	5						73
1.75-1.99				17	9						26
2.00-2.24					31						31
2.25-2.49					9						9
2.50-2.74					8	3					11
2.75-2.99						4					4
3.00-3.24						4					4
3.25-3.49						2					2
3.50+						1	1				2
TOTAL	0	6325	955	496	70	14	1	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 3.3 NO. OF CASES= 7361.

STATION 044 43.75N 76.65W AZIMUTH(DEGREES) =247.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.9 LONGER	
0.00-0.24		7345	69	6							7420
0.25-0.49		4809	1318	116	1						6345
0.50-0.74		1478	2279	1658	47						6454
0.75-0.99		140	392	1089	176						2007
1.00-1.24			2	830	406	34					1700
1.25-1.49				296	336	49					714
1.50-1.74				203	274	158					641
1.75-1.99				40	106	90	11				247
2.00-2.24				6	162	112	28				308
2.25-2.49					72	63	47				142
2.50-2.74					34	57	11				142
2.75-2.99					5	57	16				73
3.00-3.24						18	16				73
3.25-3.49						1	22				40
3.50+						1	133	16	2	0	152
TOTAL	0	13866	4612	4254	1721	677	313	16	2	0	

MEAN HS(M) = 0.6 LARGEST HS(M)= 6.8 MEAN TP(SEC)= 3.9 NO. OF CASES= 23833.

STATION 044 43.75N 76.65W AZIMUTH(DEGREES) =270.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0 LONGER	
0.00-0.24		5570	26								5596
0.25-0.49		3277	1005	71							4353
0.50-0.74		1034	1507	1127	24						3692
0.75-0.99		132	530	884	158	2					1716
1.00-1.24		5	270	722	564	14					1575
1.25-1.49			13	208	388	158					667
1.50-1.74			1	124	344	136					610
1.75-1.99				27	109	111					255
2.00-2.24				3	116	126					298
2.25-2.49					44	45					144
2.50-2.74					18	67					147
2.75-2.99					4	49					75
3.00-3.24						41					82
3.25-3.49						13					57
3.50+						179		13	2	0	197
TOTAL	0	10018	3352	3166	1779	663	468	14	2	0	

MEAN HS(M) = 0.7 LARGEST HS(M)= 6.6 MEAN TP(SEC)= 4.0 NO. OF CASES= 18226.

STATION 044 43.75N 76.65W AZIMUTH(DEGREES) =292.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0 LONGER	
0.00-0.24		1499	17	1							1517
0.25-0.49		975	100	4							1079
0.50-0.74		947	173	41							1161
0.75-0.99		274	114	57	3						448
1.00-1.24		8	82	97	28						215
1.25-1.49			28	24	26						78
1.50-1.74			10	34	42	3					89
1.75-1.99				16	13	1					30
2.00-2.24				3	7	4					16
2.25-2.49				1	6	3	2				12
2.50-2.74					2	4					6
2.75-2.99						3	1				4
3.00-3.24						1	1				2
3.25-3.49						1	2				3
3.50+							9	1	0	0	10
TOTAL	0	3703	524	279	127	20	9	1	0	0	

MEAN HS(M) = 0.5 LARGEST HS(M)= 6.4 MEAN TP(SEC)= 3.3 NO. OF CASES= 4375.

STATION 044 43.75N 76.65W AZIMUTH(DEGREES) =315.0  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0 LONGER	
0.00-0.24		1095									1095
0.25-0.49		681									681
0.50-0.74		743	24	3							770
0.75-0.99		144	44	1							189
1.00-1.24		2	49	9							70
1.25-1.49			24	4	2						30
1.50-1.74			2	13							15
1.75-1.99				3							3
2.00-2.24											0
2.25-2.49											0
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	2665	157	34	2	0	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 3.1 NO. OF CASES= 2679.

STATION 044 43.75N 76.65W AZIMUTH(DEGREES) =337.5  
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-12.0 LONGER	
0.00-0.24		1072									1072
0.25-0.49		629									629
0.50-0.74		517	98								615
0.75-0.99		78	133	2							213
1.00-1.24			113	37							150
1.25-1.49			8	24							32
1.50-1.74			1	14							15
1.75-1.99				5	2						7
2.00-2.24					3						3
2.25-2.49					1						1
2.50-2.74											0
2.75-2.99											0
3.00-3.24											0
3.25-3.49											0
3.50+											0
TOTAL	0	2296	351	82	7	0	0	0	0	0	

MEAN HS(M) = 0.4 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 3.2 NO. OF CASES= 2565.

STATION 044 43.75N 76.65W FOR ALL DIRECTIONS  
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

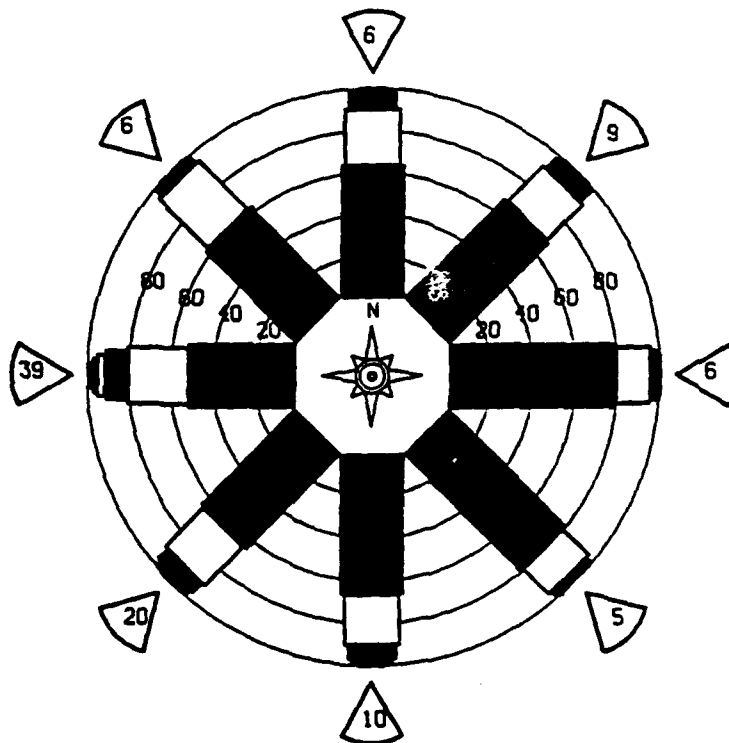
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	<3.0	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	10.0-10.9	11.0-11.9	12.0-LONGER	
0.00-0.24	.	3781	12	.	.	.	.	.	.	.	3793
0.25-0.49	.	2029	249	19	.	.	.	.	.	.	2297
0.50-0.74	.	1051	589	287	7	.	.	.	.	.	1934
0.75-0.99	.	113	336	222	34	.	.	.	.	.	705
1.00-1.24	.	2	259	212	110	4	.	.	.	.	587
1.25-1.49	.	.	15	98	76	11	.	.	.	.	200
1.50-1.74	.	.	1	77	66	28	.	.	.	.	173
1.75-1.99	.	.	.	21	27	20	2	.	.	.	70
2.00-2.24	.	.	.	3	42	24	8	.	.	.	77
2.25-2.49	.	.	.	.	15	7	10	.	.	.	32
2.50-2.74	.	.	.	.	8	13	10	.	.	.	31
2.75-2.99	.	.	.	.	.	11	3	.	.	.	14
3.00-3.24	.	.	.	.	.	10	5	.	.	.	15
3.25-3.49	.	.	.	.	.	3	6	.	.	.	9
3.50+	.	.	.	.	.	.	31	.	.	.	34
TOTAL	0	6976	1461	939	385	132	75	3	0	0	

MEAN HS(M)= 0.5 LARGEST HS(M)= 6.8 MEAN TP(SEC)= 3.6 TOTAL CASES= 93504.

STATION 44  
43.75N, 76.65 W  
93504 CASES



OVER 3.0 M  
2.5-2.9 M  
2.0-2.4 M  
1.5-1.9 M  
1.0-1.4 M  
0.5-0.9 M  
0.0-0.4 M



**MEAN HS(METERS) BY MONTH AND YEAR**  
**WIS STATION 044 (43.75N 76.65W)**

	MONTH												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.3	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1957	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	1.0	1.1	1.1	1.1	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1972	1.1	1.0	0.8	0.7	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1973	1.1	1.0	0.8	0.7	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1974	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	1.1	1.1	1.1	1.1	0.7	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1978	1.1	1.1	1.1	1.1	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	1.1	1.1	1.1	1.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
MEAN	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.3	0.4	0.4	0.6	0.6	

**LARGEST HS(METERS) BY MONTH AND YEAR**  
**WIS STATION 044 (43.75N 76.65W)**

	MONTH												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1957	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1958	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1959	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1960	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1961	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1962	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1963	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1964	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1965	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1966	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1967	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1968	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1969	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1970	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1971	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1972	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1973	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1974	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1975	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1976	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1977	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1978	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1979	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1980	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1981	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1982	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1983	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1984	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1985	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1986	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	
1987	1.2	1.3	1.3	2.7	2.1	1.7	1.1	1.1	1.1	1.6	2.2	1.5	

**32 YR. STATISTICS FOR WIS STATION 044**

MEAN SIGNIFICANT WAVE HEIGHT . . . . . (METERS)	0.5
MEAN PEAK WAVE PERIOD . . . . . (SECONDS)	3.6
MOST FREQUENT 22.5 DEGREE (CENTER) DIRECTION BAND . . (DEGREES)	247.5
STANDARD DEVIATION OF WAVE HS . . . . . (METERS)	0.5
STANDARD DEVIATION OF WAVE TP . . . . . (SECONDS)	1.0
LARGEST WAVE HS . . . . . (METERS)	6.8
WAVE TP ASSOCIATED WITH LARGEST WAVE HS . . . . . (SECONDS)	11.0
AVERAGE DIRECTION ASSOCIATED WITH LARGEST WAVE HS . . (DEGREES)	255.0
DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)	75022618

## Appendix B: Return Period Tables

Station 1 (43.30N , 79.65W)

Return Period (yr)	Angle Class			All
	1	2	3	
2.00	2.4(0.05)	2.1(0.07)	2.4(0.04)	2.6(0.04)
5.00	2.7(0.07)	2.5(0.10)	2.5(0.06)	2.8(0.06)
10.00	2.8(0.08)	2.7(0.13)	2.7(0.07)	3.0(0.08)
20.00	3.0(0.10)	2.9(0.15)	2.8(0.09)	3.1(0.09)
50.00	3.1(0.12)	3.2(0.18)	3.0(0.10)	3.3(0.11)

Station 2 (43.30N , 79.45W)

Return Period (yr)	Angle Class			All
	1	2	3	
2.00	2.4(0.06)	2.2(0.04)	2.6(0.04)	2.7(0.04)
5.00	2.7(0.08)	2.3(0.06)	2.8(0.05)	2.9(0.06)
10.00	2.8(0.09)	2.5(0.07)	2.9(0.07)	3.0(0.07)
20.00	3.0(0.11)	2.6(0.08)	3.0(0.08)	3.2(0.08)
50.00	3.2(0.13)	2.8(0.10)	3.2(0.09)	3.3(0.10)

Station 3 (43.30N , 79.25W)

Return Period (yr)	Angle Class			All
	1	2	3	
2.00	2.5(0.08)	2.5(0.03)	3.0(0.04)	3.1(0.04)
5.00	2.8(0.11)	2.6(0.04)	3.2(0.06)	3.3(0.06)
10.00	3.0(0.13)	2.7(0.05)	3.3(0.07)	3.5(0.08)
20.00	3.3(0.16)	2.8(0.06)	3.5(0.08)	3.6(0.09)
50.00	3.6(0.19)	2.9(0.08)	3.6(0.10)	3.8(0.11)

Station 4 (43.45N , 79.05W)

Return Period (yr)	Angle Class			All
	1	2	3	
2.00	2.7(0.06)	2.4(0.03)	3.5(0.05)	3.5(0.05)
5.00	3.0(0.08)	2.6(0.05)	3.7(0.07)	3.7(0.06)
10.00	3.2(0.10)	2.7(0.06)	3.8(0.08)	3.8(0.08)
20.00	3.4(0.12)	2.8(0.07)	4.0(0.10)	4.0(0.09)
50.00	3.6(0.15)	2.9(0.08)	4.2(0.12)	4.2(0.11)

Station 5 (43.45N , 78.85W)

Return Period (yr)	Angle Class			All
	1	2	3	
2.00	2.7(0.06)	2.2(0.03)	3.6(0.05)	3.6(0.05)
5.00	2.9(0.08)	2.4(0.05)	3.9(0.07)	3.9(0.07)
10.00	3.1(0.10)	2.5(0.06)	4.0(0.09)	4.0(0.09)
20.00	3.3(0.12)	2.6(0.07)	4.2(0.10)	4.2(0.10)
50.00	3.5(0.14)	2.7(0.08)	4.4(0.12)	4.4(0.12)

Station 6 (43.45N , 78.65W)

Return Period (yr)	Angle Class			
	1	2	3	All
2.00	2.7(0.06)	2.5(0.05)	4.0(0.06)	4.0(0.06)
5.00	2.9(0.08)	2.7(0.07)	4.2(0.08)	4.2(0.08)
10.00	3.1(0.10)	2.8(0.08)	4.4(0.10)	4.4(0.10)
20.00	3.3(0.12)	3.0(0.10)	4.6(0.11)	4.6(0.11)
50.00	3.6(0.15)	3.2(0.12)	4.8(0.14)	4.8(0.14)

Station 7 (43.45N , 78.45W)

Return Period (yr)	Angle Class			
	1	2	3	All
2.00	2.6(0.06)	2.0(0.05)	4.2(0.06)	4.2(0.06)
5.00	2.8(0.09)	2.2(0.07)	4.5(0.08)	4.5(0.08)
10.00	3.0(0.11)	2.3(0.08)	4.7(0.10)	4.7(0.10)
20.00	3.3(0.13)	2.5(0.09)	4.8(0.11)	4.8(0.11)
50.00	3.5(0.15)	2.7(0.11)	5.1(0.14)	5.1(0.14)

Station 8 (43.45N , 78.25W)

Return Period (yr)	Angle Class			
	1	2	3	All
2.00	2.5(0.06)	1.9(0.06)	4.4(0.06)	4.4(0.06)
5.00	2.8(0.09)	2.2(0.08)	4.7(0.08)	4.7(0.08)
10.00	3.0(0.11)	2.4(0.10)	4.8(0.10)	4.8(0.10)
20.00	3.2(0.13)	2.6(0.11)	5.0(0.12)	5.0(0.12)
50.00	3.5(0.16)	2.8(0.14)	5.3(0.14)	5.3(0.14)

Station 9 (43.46N , 78.05W)

Return Period (yr)	Angle Class			
	1	2	3	All
2.00	2.3(0.06)	2.0(0.06)	4.6(0.06)	4.6(0.06)
5.00	2.6(0.08)	2.3(0.08)	4.9(0.09)	4.9(0.09)
10.00	2.7(0.10)	2.5(0.10)	5.1(0.11)	5.1(0.11)
20.00	2.9(0.11)	2.6(0.11)	5.3(0.13)	5.3(0.13)
50.00	3.2(0.14)	2.9(0.14)	5.6(0.15)	5.6(0.15)

Station 10 (43.46N , 77.85W)

Return Period (yr)	Angle Class			
	1	2	3	All
2.00	2.3(0.06)	2.0(0.06)	4.8(0.07)	4.8(0.07)
5.00	2.6(0.08)	2.3(0.08)	5.1(0.09)	5.1(0.09)
10.00	2.8(0.10)	2.4(0.09)	5.3(0.11)	5.3(0.11)
20.00	3.0(0.11)	2.6(0.11)	5.5(0.13)	5.5(0.13)
50.00	3.2(0.14)	2.8(0.13)	5.8(0.16)	5.8(0.16)



Station 11 (43.46N , 77.65W)

Return Period (yr)	Angle Class			All
	1	2	3	
2.00	2.1(0.04)	2.3(0.06)	5.1(0.07)	5.1(0.07)
5.00	2.3(0.06)	2.6(0.08)	5.4(0.10)	5.4(0.10)
10.00	2.5(0.08)	2.8(0.10)	5.6(0.12)	5.6(0.12)
20.00	2.6(0.09)	2.9(0.12)	5.8(0.14)	5.8(0.14)
50.00	2.8(0.11)	3.2(0.14)	6.1(0.17)	6.1(0.17)

Station 12 (43.32N , 77.45W)

Return Period (yr)	Angle Class			All
	1	2	3	
2.00	2.7(0.07)	2.9(0.06)	3.1(0.06)	3.3(0.05)
5.00	3.0(0.10)	3.1(0.08)	3.4(0.09)	3.5(0.07)
10.00	3.3(0.13)	3.3(0.10)	3.6(0.11)	3.7(0.08)
20.00	3.5(0.15)	3.5(0.11)	3.8(0.13)	3.8(0.10)
50.00	3.8(0.18)	3.7(0.14)	4.0(0.15)	4.0(0.12)

Station 13 (43.32N , 77.25W)

Return Period (yr)	Angle Class			All
	1	2	3	
2.00	2.5(0.08)	2.4(0.07)	3.6(0.05)	3.6(0.05)
5.00	2.9(0.11)	2.7(0.09)	3.8(0.07)	3.8(0.07)
10.00	3.1(0.13)	2.9(0.11)	4.0(0.09)	3.9(0.09)
20.00	3.4(0.16)	3.2(0.13)	4.1(0.10)	4.1(0.10)
50.00	3.7(0.19)	3.4(0.16)	4.3(0.13)	4.3(0.12)

Station 14 (43.32N , 77.05W)

Return Period (yr)	Angle Class			All
	1	2	3	
2.00	1.8(0.05)	2.0(0.06)	3.6(0.05)	3.6(0.05)
5.00	2.0(0.07)	2.3(0.09)	3.8(0.07)	3.8(0.07)
10.00	2.2(0.09)	2.5(0.10)	4.0(0.08)	4.0(0.08)
20.00	2.3(0.10)	2.7(0.12)	4.2(0.10)	4.2(0.10)
50.00	2.5(0.12)	3.0(0.15)	4.4(0.12)	4.4(0.12)

Station 15 (43.31N , 76.86W)

Return Period (yr)	Angle Class			All
	1	2	3	
2.00	1.6(0.05)	2.4(0.06)	3.9(0.06)	3.9(0.06)
5.00	1.9(0.06)	2.7(0.08)	4.1(0.09)	4.1(0.09)
10.00	2.0(0.08)	2.9(0.10)	4.3(0.11)	4.3(0.11)
20.00	2.1(0.09)	3.1(0.12)	4.5(0.13)	4.5(0.13)
50.00	2.3(0.11)	3.3(0.15)	4.8(0.15)	4.8(0.15)

Station 16 (43.45N , 76.65W)

Return Period (yr)	Angle Class			
	1	2	3	All
2.00	1.8(0.05)	3.1(0.10)	5.4(0.09)	5.4(0.10)
5.00	2.1(0.07)	3.5(0.14)	5.8(0.13)	5.9(0.14)
10.00	2.2(0.09)	3.7(0.17)	6.1(0.16)	6.2(0.17)
20.00	2.4(0.11)	4.0(0.21)	6.4(0.19)	6.5(0.20)
50.00	2.6(0.13)	4.4(0.25)	6.8(0.22)	6.9(0.24)

Station 17 (43.60N , 76.45W)

Return Period (yr)	Angle Class			
	1	2	3	All
2.00	1.8(0.04)	2.2(0.04)	5.4(0.11)	5.4(0.11)
5.00	1.9(0.05)	2.4(0.06)	5.8(0.15)	5.8(0.15)
10.00	2.0(0.06)	2.5(0.07)	6.2(0.18)	6.2(0.18)
20.00	2.2(0.08)	2.6(0.08)	6.5(0.22)	6.5(0.22)
50.00	2.3(0.09)	2.8(0.10)	7.0(0.26)	7.0(0.26)

Station 18 (43.60N , 76.25W)

Return Period (yr)	Angle Class			
	1	2	3	All
2.00	2.4(0.05)	5.4(0.11)	1.6(0.04)	5.4(0.11)
5.00	2.7(0.07)	5.9(0.15)	1.7(0.05)	5.9(0.15)
10.00	2.8(0.09)	6.2(0.18)	1.9(0.06)	6.2(0.18)
20.00	3.0(0.11)	6.6(0.21)	2.0(0.07)	6.6(0.21)
50.00	3.2(0.13)	7.0(0.26)	2.1(0.09)	7.0(0.26)

Station 19 (43.73N , 76.25W)

Return Period (yr)	Angle Class			
	1	2	3	All
2.00	2.5(0.06)	5.4(0.10)	2.2(0.05)	5.4(0.10)
5.00	2.8(0.08)	5.8(0.14)	2.4(0.06)	5.8(0.14)
10.00	2.9(0.10)	6.2(0.18)	2.5(0.08)	6.2(0.18)
20.00	3.1(0.12)	6.5(0.21)	2.7(0.09)	6.5(0.21)
50.00	3.4(0.14)	6.9(0.25)	2.9(0.11)	6.9(0.25)

Station 20 (43.88N , 76.45W)

Return Period (yr)	Angle Class			
	1	2	3	All
2.00	2.5(0.05)	5.2(0.14)	2.7(0.05)	5.2(0.14)
5.00	2.7(0.07)	5.8(0.19)	2.9(0.07)	5.8(0.19)
10.00	2.9(0.09)	6.2(0.23)	3.1(0.09)	6.2(0.23)
20.00	3.0(0.10)	6.7(0.27)	3.3(0.10)	6.7(0.27)
50.00	3.3(0.13)	7.2(0.33)	3.5(0.12)	7.2(0.33)

Station 21 (44.03N , 76.65W)

Return Period (yr)	Angle Class			All
	1	2	3	
2.00	3.4(0.06)	2.8(0.07)	1.7(0.02)	3.5(0.06)
5.00	3.7(0.09)	3.1(0.10)	1.8(0.03)	3.8(0.08)
10.00	3.9(0.10)	3.4(0.12)	1.9(0.04)	3.9(0.10)
20.00	4.1(0.12)	3.6(0.14)	2.0(0.05)	4.1(0.12)
50.00	4.3(0.15)	3.9(0.17)	2.0(0.06)	4.4(0.14)

Station 22 (43.88N , 76.65W)

Return Period (yr)	Angle Class			All
	1	2	3	
2.00	5.0(0.12)	2.4(0.06)	1.9(0.04)	5.0(0.12)
5.00	5.5(0.17)	2.7(0.09)	2.1(0.05)	5.5(0.17)
10.00	5.9(0.21)	2.9(0.11)	2.2(0.06)	5.9(0.21)
20.00	6.3(0.25)	3.1(0.13)	2.3(0.08)	6.3(0.25)
50.00	6.8(0.30)	3.3(0.15)	2.5(0.09)	6.8(0.30)

Station 23 (43.75N , 76.85W)

Return Period (yr)	Angle Class			All
	1	2	3	
2.00	5.4(0.10)	2.5(0.05)	2.0(0.03)	5.4(0.10)
5.00	5.8(0.15)	2.7(0.07)	2.1(0.04)	5.8(0.15)
10.00	6.2(0.18)	2.8(0.08)	2.2(0.05)	6.2(0.18)
20.00	6.5(0.21)	3.0(0.10)	2.3(0.06)	6.5(0.21)
50.00	6.9(0.25)	3.2(0.12)	2.4(0.07)	6.9(0.25)

Station 24 (43.75N , 77.05W)

Return Period (yr)	Angle Class			All
	1	2	3	
2.00	5.3(0.09)	2.4(0.05)	1.8(0.03)	5.3(0.09)
5.00	5.7(0.12)	2.6(0.07)	1.9(0.04)	5.7(0.12)
10.00	5.9(0.15)	2.8(0.08)	2.0(0.05)	5.9(0.15)
20.00	6.2(0.18)	2.9(0.10)	2.1(0.06)	6.2(0.18)
50.00	6.6(0.22)	3.1(0.12)	2.2(0.07)	6.6(0.22)

Station 25 (43.75N , 77.25W)

Return Period (yr)	Angle Class			All
	1	2	3	
2.00	5.2(0.09)	2.6(0.06)	1.9(0.04)	5.2(0.09)
5.00	5.6(0.12)	2.8(0.09)	2.1(0.06)	5.6(0.12)
10.00	5.8(0.15)	3.0(0.11)	2.2(0.07)	5.8(0.15)
20.00	6.1(0.18)	3.3(0.13)	2.3(0.08)	6.1(0.18)
50.00	6.5(0.21)	3.5(0.16)	2.5(0.10)	6.5(0.21)

Station 26 (43.75N , 77.45W)

Return Period (yr)	Angle Class			
	1	2	3	All
2.00	5.0(0.08)	2.4(0.05)	1.8(0.04)	5.0(0.08)
5.00	5.4(0.11)	2.6(0.07)	2.0(0.06)	5.4(0.11)
10.00	5.6(0.13)	2.8(0.09)	2.1(0.07)	5.6(0.13)
20.00	5.9(0.16)	2.9(0.10)	2.3(0.08)	5.9(0.16)
50.00	6.2(0.19)	3.1(0.12)	2.4(0.10)	6.2(0.19)

Station 27 (43.90N , 77.65W)

Return Period (yr)	Angle Class			
	1	2	3	All
2.00	4.8(0.10)	2.5(0.06)	1.6(0.03)	4.8(0.10)
5.00	5.3(0.14)	2.8(0.09)	1.7(0.04)	5.3(0.14)
10.00	5.6(0.17)	3.0(0.11)	1.8(0.05)	5.6(0.17)
20.00	5.9(0.20)	3.2(0.13)	1.9(0.06)	5.9(0.20)
50.00	6.3(0.24)	3.4(0.16)	2.0(0.07)	6.3(0.24)

Station 28 (43.90N , 77.85W)

Return Period (yr)	Angle Class			
	1	2	3	All
2.00	4.6(0.10)	2.3(0.05)	1.6(0.03)	4.6(0.10)
5.00	5.0(0.14)	2.5(0.07)	1.7(0.04)	5.0(0.14)
10.00	5.4(0.17)	2.7(0.09)	1.8(0.05)	5.4(0.17)
20.00	5.7(0.20)	2.8(0.11)	1.9(0.06)	5.7(0.20)
50.00	6.1(0.24)	3.1(0.13)	2.0(0.07)	6.1(0.24)

Station 29 (43.90N , 78.05W)

Return Period (yr)	Angle Class			
	1	2	3	All
2.00	4.4(0.09)	2.5(0.06)	1.7(0.03)	4.4(0.09)
5.00	4.8(0.13)	2.7(0.09)	1.8(0.05)	4.8(0.13)
10.00	5.1(0.16)	2.9(0.11)	2.0(0.06)	5.1(0.16)
20.00	5.4(0.19)	3.1(0.13)	2.0(0.07)	5.4(0.19)
50.00	5.8(0.23)	3.4(0.16)	2.2(0.08)	5.7(0.22)

Station 30 (43.80N , 78.25W)

Return Period (yr)	Angle Class			
	1	2	3	All
2.00	4.4(0.08)	2.0(0.04)	2.0(0.04)	4.4(0.08)
5.00	4.8(0.11)	2.2(0.06)	2.2(0.06)	4.8(0.11)
10.00	5.0(0.13)	2.4(0.07)	2.3(0.07)	5.0(0.13)
20.00	5.3(0.16)	2.5(0.08)	2.5(0.09)	5.3(0.16)
50.00	5.6(0.19)	2.7(0.10)	2.6(0.10)	5.6(0.19)

Station 31 (43.75N , 78.45W)

Return Period (yr)	Angle Class			All
	1	2	3	
2.00	4.3(0.07)	2.0(0.05)	2.0(0.05)	4.3(0.07)
5.00	4.6(0.09)	2.2(0.07)	2.2(0.07)	4.6(0.09)
10.00	4.8(0.11)	2.4(0.08)	2.4(0.08)	4.8(0.11)
20.00	5.0(0.14)	2.5(0.09)	2.5(0.10)	5.0(0.14)
50.00	5.3(0.16)	2.7(0.11)	2.7(0.12)	5.3(0.16)

Station 32 (43.75N , 78.65W)

Return Period (yr)	Angle Class			All
	1	2	3	
2.00	4.0(0.06)	1.9(0.06)	2.2(0.06)	4.0(0.06)
5.00	4.3(0.08)	2.1(0.08)	2.4(0.08)	4.3(0.08)
10.00	4.4(0.10)	2.3(0.10)	2.6(0.10)	4.4(0.10)
20.00	4.6(0.12)	2.5(0.11)	2.8(0.12)	4.6(0.12)
50.00	4.9(0.14)	2.7(0.14)	3.0(0.14)	4.9(0.14)

Station 33 (43.75N , 78.85W)

Return Period (yr)	Angle Class			All
	1	2	3	
2.00	4.3(0.06)	2.0(0.05)	2.5(0.05)	4.3(0.06)
5.00	4.6(0.08)	2.3(0.07)	2.8(0.08)	4.6(0.08)
10.00	4.8(0.10)	2.4(0.09)	2.9(0.09)	4.8(0.10)
20.00	4.9(0.12)	2.6(0.10)	3.1(0.11)	4.9(0.12)
50.00	5.2(0.15)	2.8(0.12)	3.3(0.13)	5.2(0.15)

Station 34 (43.75N , 79.05W)

Return Period (yr)	Angle Class			All
	1	2	3	
2.00	4.2(0.08)	2.0(0.06)	2.9(0.06)	4.2(0.08)
5.00	4.5(0.11)	2.2(0.08)	3.1(0.08)	4.5(0.11)
10.00	4.8(0.13)	2.4(0.10)	3.3(0.10)	4.8(0.13)
20.00	5.0(0.16)	2.6(0.12)	3.5(0.12)	5.0(0.15)
50.00	5.3(0.19)	2.8(0.14)	3.7(0.14)	5.3(0.19)

Station 35 (43.60N , 79.25W)

Return Period (yr)	Angle Class			All
	1	2	3	
2.00	3.8(0.08)	1.6(0.06)	3.1(0.06)	3.9(0.07)
5.00	4.2(0.11)	1.9(0.08)	3.4(0.08)	4.2(0.10)
10.00	4.4(0.13)	2.0(0.10)	3.6(0.10)	4.4(0.12)
20.00	4.6(0.15)	2.2(0.11)	3.8(0.12)	4.7(0.14)
50.00	4.9(0.18)	2.4(0.14)	4.0(0.14)	5.0(0.17)

Station 36 (43.45N , 79.45W)

Return Period (yr)	Angle Class			
	1	2	3	All
2.00	3.2(0.07)	1.7(0.06)	3.2(0.06)	3.5(0.06)
5.00	3.5(0.09)	2.0(0.09)	3.4(0.08)	3.7(0.08)
10.00	3.8(0.12)	2.2(0.11)	3.6(0.09)	3.9(0.10)
20.00	4.0(0.14)	2.4(0.13)	3.8(0.11)	4.1(0.12)
50.00	4.2(0.16)	2.7(0.16)	4.0(0.13)	4.4(0.15)

Station 37 (43.45N , 79.25W)

Return Period (yr)	Angle Class			
	1	2	3	All
2.00	3.0(0.06)	2.1(0.03)	3.3(0.05)	3.3(0.05)
5.00	3.2(0.08)	2.3(0.05)	3.5(0.07)	3.5(0.07)
10.00	3.4(0.10)	2.4(0.06)	3.6(0.09)	3.7(0.08)
20.00	3.6(0.11)	2.5(0.07)	3.8(0.10)	3.8(0.10)
50.00	3.8(0.14)	2.6(0.08)	4.0(0.13)	4.0(0.12)

Station 38 (43.60N , 78.85W)

Return Period (yr)	Angle Class			
	1	2	3	All
2.00	2.5(0.06)	2.2(0.04)	3.9(0.05)	3.9(0.05)
5.00	2.8(0.08)	2.4(0.06)	4.1(0.07)	4.1(0.07)
10.00	3.0(0.10)	2.5(0.07)	4.3(0.09)	4.3(0.09)
20.00	3.1(0.12)	2.7(0.08)	4.4(0.10)	4.4(0.10)
50.00	3.4(0.14)	2.8(0.10)	4.6(0.12)	4.6(0.12)

Station 39 (43.60N , 78.45W)

Return Period (yr)	Angle Class			
	1	2	3	All
2.00	2.3(0.05)	1.7(0.05)	4.2(0.06)	4.2(0.06)
5.00	2.5(0.07)	1.9(0.07)	4.5(0.09)	4.5(0.09)
10.00	2.7(0.08)	2.1(0.08)	4.7(0.11)	4.7(0.11)
20.00	2.8(0.10)	2.2(0.10)	4.9(0.13)	4.9(0.13)
50.00	3.0(0.12)	2.4(0.12)	5.1(0.15)	5.1(0.15)

Station 40 (43.60N , 78.05W)

Return Period (yr)	Angle Class			
	1	2	3	All
2.00	2.3(0.05)	1.8(0.05)	4.5(0.07)	4.5(0.07)
5.00	2.5(0.07)	2.0(0.07)	4.8(0.10)	4.8(0.10)
10.00	2.6(0.08)	2.2(0.08)	5.1(0.12)	5.1(0.12)
20.00	2.8(0.09)	2.4(0.10)	5.3(0.14)	5.3(0.14)
50.00	3.0(0.11)	2.6(0.12)	5.6(0.17)	5.6(0.17)

Station 41 (43.60N , 77.65W)

Return Period (yr)	Angle Class			
	1	2	3	All
2.00	2.1(0.04)	1.9(0.05)	4.9(0.07)	4.9(0.07)
5.00	2.3(0.05)	2.1(0.07)	5.2(0.10)	5.2(0.10)
10.00	2.4(0.06)	2.3(0.08)	5.4(0.12)	5.4(0.12)
20.00	2.5(0.08)	2.4(0.10)	5.7(0.14)	5.7(0.14)
50.00	2.7(0.09)	2.7(0.12)	6.0(0.17)	6.0(0.17)

Station 42 (43.60N , 77.25W)

Return Period (yr)	Angle Class			
	1	2	3	All
2.00	2.2(0.04)	1.7(0.04)	5.2(0.08)	5.2(0.08)
5.00	2.3(0.05)	1.9(0.06)	5.5(0.11)	5.5(0.11)
10.00	2.4(0.06)	2.0(0.07)	5.8(0.14)	5.8(0.14)
20.00	2.5(0.07)	2.1(0.08)	6.1(0.16)	6.1(0.16)
50.00	2.7(0.09)	2.3(0.10)	6.4(0.20)	6.4(0.20)

Station 43 (43.60N , 76.85W)

Return Period (yr)	Angle Class			
	1	2	3	All
2.00	2.2(0.05)	1.7(0.04)	5.3(0.10)	5.3(0.10)
5.00	2.3(0.06)	1.9(0.06)	5.8(0.14)	5.8(0.14)
10.00	2.5(0.08)	2.0(0.07)	6.1(0.17)	6.1(0.17)
20.00	2.6(0.09)	2.1(0.08)	6.4(0.20)	6.4(0.20)
50.00	2.8(0.11)	2.3(0.10)	6.8(0.24)	6.8(0.24)

Station 44 (43.75N , 76.65W)

Return Period (yr)	Angle Class			
	1	2	3	All
2.00	2.3(0.04)	5.4(0.10)	2.7(0.06)	5.4(0.10)
5.00	2.4(0.05)	5.9(0.14)	2.9(0.08)	5.9(0.14)
10.00	2.5(0.07)	6.2(0.18)	3.1(0.10)	6.2(0.18)
20.00	2.7(0.08)	6.5(0.21)	3.3(0.12)	6.5(0.21)
50.00	2.8(0.09)	6.9(0.25)	3.6(0.15)	6.9(0.25)